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JOHNSON WATER GARDENS
HYNEES, CALIFORNIA

Escarboucle



The most luminous of all the red water lilies—bright, intense, with garnet stamens. Free flowering, hardy. One of the best Each **\$5**

A Word to Our Friends and Patrons Concerning our Gardens

1876-1931

DURING the past year we have added considerably to our extensive gardens and have consolidated with it the former Long Beach Water Gardens. Two new greenhouses have been built and thoroughly equipped to handle the propagation of tender lilies and the growing of tropical aquarium fish. Many new pools have been constructed to accommodate our increasing stocks of newer types of the beautiful hardy water lilies. These pools have all the latest labor saving devices and we are sharing with our patrons the reduced costs of growing resulting from our favorable climate and equipment.

Much time has been expended in research work to bring the growing of water plants to as near as possible the ideal of an exact science while refinements in the curing of plants before shipping have been developed. As our pools are all under complete control throughout the year we have been enabled to grow a heavy, solid root crammed full of vitality, properly cured and ready to burst into rapid growth and bloom. Hundreds of letters from our friends in every section of the country attest the superiority and vigor of our plants.

The creation of new lilies and the introduction of meritorious varieties from Europe has always been a major project with us and during the past season we have had our fair share of success. Among the hardy kinds we have developed a pair of deep pink lilies of the largest size, beautifully full petalled and fragrant. The variety Rosy Morn will be ready for distribution in 1932. The tropical lily, Los Angeles, will be ready the following year also. Our new introductions for this year will be found on page 10.

The growing of Cacti and Succulent plants has for many years been an engrossing pleasure and we have slowly been accumulating stocks of them. In another location peculiarly favorable to their propagation we have a considerable and growing collection under the supervision of a skilled and enthusiastic grower. New kinds are being continually imported from Africa, South and Central America and Mexico. These are the plants par excellence for the winter window garden and the summer rock garden. A great many kinds may be grown in a small space and as they require only a minimum of care they are content with just a little soil and water. They are different from any plants you have ever grown. On pages 33 to 36 will be found descriptions and illustrations of many interesting kinds.

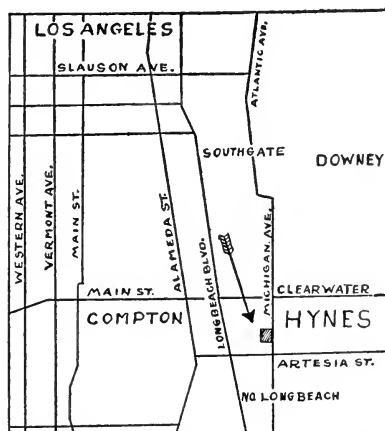
For over fifty-five years our nurseries have been famous for the diversity and quality of our plants and introductions. Such popular things as Sacred Lotus, Water Hyacinth, Star Lilies, Zanzibar Lilies, the night blooming lilies, Water Hawthorne, Floating Heart and many others were introduced by us years before others were in the field. Our catalog we have designed to be a handbook of water garden culture and the information contained has been the result of research and years of trial.

How to Reach our Gardens

You are cordially invited to visit our nurseries and see how and where your plants are grown. During the summer months there is a fine display of flowers and for those interested in Tropical Aquarium Fishes we have a large number of planted aquaria on exhibit.

To reach our nurseries from Los Angeles drive out Alameda Street (Truck Blvd.) or Long Beach Blvd. to Main St., Compton (Riverside-Redondo Blvd.) Turn left (east) about 2 miles to Michigan Ave., then right (south) about 1 mile. We are located on the West side of Michigan Ave., just North of the Long Beach City Limit. We are near the corner of Michigan Ave. and Jackson St., Hynes.

We may be reached by bus from Long Beach. Take Hynes bus and get off at Cherry Ave. and Artesia St. Walk north on Cherry 5 blocks.





California sunshine guarantees vigorous plants.
Fifteen acres devoted exclusively to water lilies

Things to Observe When Ordering

It is our desire to serve our customers with as little expense and trouble to them as possible. Thus we offer many **Collections carriage prepaid** and safe arrival guaranteed so that distance from us need not be taken into account. For those who prefer to choose directly from the catalog such varieties as appeal to them we make the following offer, as we do not prepay carriage except on our collections: **We will include with all such orders extra plants of good standard varieties offered in this catalog to an amount equal to the express or postage charges.** We furthermore pack very lightly and carefully and assure you that we stand behind the safe arrival of all plants shipped. We only ask you that any claims for damaged plants be sent immediately upon their receipt and if by express accompanied by a confirmatory note from the Express Agent. This is for our own protection.

Shipping Costs

HOW TO ESTIMATE EXACT POSTAGE

WE GUARANTEE THE SAFE ARRIVAL OF ALL PLANTS SHIPPED

We ask only 10% of the value of your order to cover postage except on Tropical Lilies. Tropical Lilies being large, heavy, potted plants and needing careful packing, a postage charge of 30 cents each is made regardless of the value of the plant.

Hardy Lilies. Add 10% of the value of your order to cover Parcel Post charges on all Hardy Lilies and Pool Plants.

Tropical Lilies. For each Tropical Lily ordered add 30 cents for Parcel Post.

Numbered Collections are all Post Paid.

Extra Plants sent gratis to cover amount of postage sent.

Pacific Coast States. Hardy Water Lilies may be planted any month in the year in the warmer regions of the Coast. Early planting means early blooms and successful pools.

Southern States. Owing to our favorable location we can ship very early to the warmer regions of the United States. This will add from 30 to 60 days to the blooming period of your garden. The earlier Hardy Lilies are planted the quicker they become established.

Canadian Orders. We ship many orders into Canada yearly and have never had an order fail to go through promptly. Canadian correspondents should write to the Destructive Insect and Pest Act Advisory Board, Department of Agriculture, Ottawa, for permission to import water plants. This is freely given, being a matter of form in this class of plants. Be sure and **send us your permit** so that we may put it on your package for prompt inspection at the border.

Florida Orders. Our plants are grown in a clean district and are thoroughly free from all insect pests. We ship many orders into Florida each season and all have promptly passed the Horticultural Inspectors. We comply with all state regulations. We ship early to all Gulf States, thus giving you a much longer blooming period for your plants.

Hardiness of Our Stock. Our Hardy Water Lilies are perfectly hardy wherever water lilies can be grown. California sunshine makes our Tropical Lilies strong and vigorous. We have been shipping to all points from our California location for 39 years.

Remittances. Make all checks and money orders payable to Johnson Water Gardens, Hynes, California.

Assistance in any matter pertaining to water gardening will be gladly given. Write to us.

Guarantee. All plants are guaranteed to be true to name and in good condition when shipped. Owing to conditions over which we have no control—weather and care—it is impossible for us to assume any responsibility for results after planting. Complaints, if any, can be considered only when tendered at time plants are received.

Ordering early will assure early shipments. Please use order blank.

PLANTING INSTRUCTIONS SENT WITH EACH ORDER

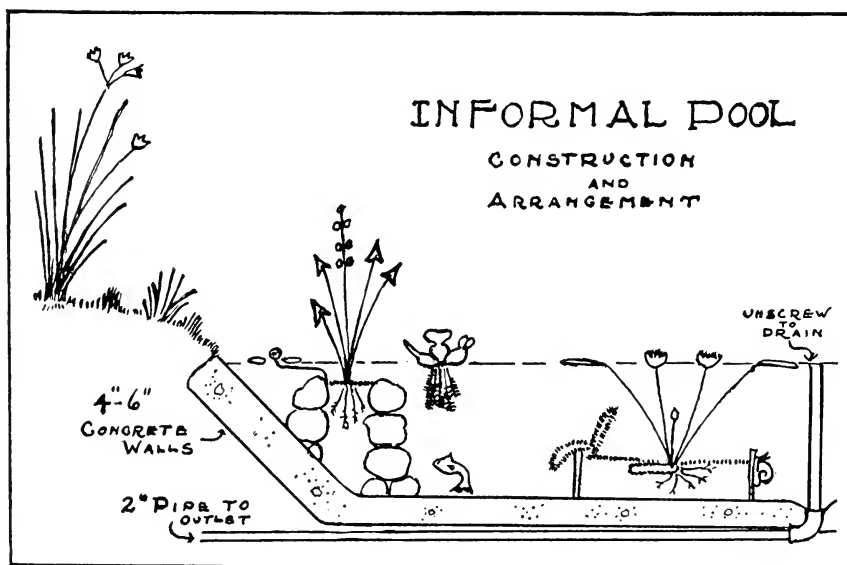


Simple Ways to Build a Lily Pool

We are often asked if it is easy to build a lily pool, and the answer is most assuredly yes! Hundreds of successful pools are built each year at slight expense by our garden friends. Most of them are small pools 6 to 20 feet across and 2 feet deep, some are of formal geometrical shape particularly appropriate near buildings while others are informally irregular in outline with bays and promontories. Many of them are built with a ledge around the margin to accommodate those plants appreciating shallow water such as Iris and Pickerel Plant.

A very inexpensive and practical pool may be made by excavating a bowl-like depression as shown in cross-section in the accompanying diagram. First trace out on the ground the size and shape of the pool you admire, making it as large as your space will allow. Dig out the soil to a depth of 2 feet 6 inches, grading the floor flat and sloping the walls at an abrupt 45-degree angle. Then tamp the sides and bottom until firm and smooth. For reinforcing, wire fencing serves very well by spreading it over the floor and pulling it up as the concrete is laid until it is in the middle of the wall. Make the walls and floor about 6 inches thick where heavy freezing is expected. In regions of mild winters where light freezing is expected a 4-inch wall is ample. As the concrete is laid it should be well tamped and smoothed out and, after setting for a few hours, a mixture of cement and water of the consistency of thin cream should be brushed on with a broom or whitewash brush. This will render it waterproof. Sprinkle several times daily for 3 or 4 days, allowing the concrete to cure slow.

Where a formal pool of rectangular shape is desired, excavate to a depth of 30 inches to the exact size wanted, then carefully trim the walls as these will act as the outside form. Allow a space of 6 to 8 inches and build the inner form. Steel reinforcing rods $\frac{3}{8}$ inches in diameter should be laid in when the wall is about three-quarters full. This will prevent, to a great degree, the cracking of the walls. The floor may then be poured.



Mixing and Laying Concrete. A simple and satisfactory mixture for pools is 1 shovelful cement, 2 of sand, 3 of half-inch crushed rock or pea gravel. Turn over dry two or three times and then add enough water to make a pasty mixture that will just not run. In applying concrete tamp well. Be sure and keep the concrete moist after it has set by sprinkling down or covering with burlap for several days, for the slower it cures the harder it becomes.

Drainage. Many pools are built without drainage but as it is well to clean them each spring it is less troublesome to provide some method of emptying. If the pool is small it can be bailed out. Drainage may be provided by a 2-inch pipe in the bottom led to a low place or if the soil is sandy, to a hole filled with rocks and covered over. If there is a place lower than the pool it may be siphoned out with a hose. To start a siphon fill the hose full of water, keeping both ends plugged, putting one end in the pool and the other at the lowest place, releasing both at the same instant. How the overflow and drain pipe are made is shown on the diagram.



The Culture of Water Lilies

Water Lilies are so easily and successfully grown even by those who have had no previous experience that following these simple directions one may be assured of a satisfying display of their brilliant flowers. In fact, water lilies are easier to grow than roses or dahlias and are far the least trouble of any feature in the garden. The actual care of the pool may be summarized in a few lines. **Keep the water level fairly constant and the pool clean.** It is not necessary to drain the pool at all during the growing season, simply replace the evaporation. Allow the hose to run in and overflow the pool occasionally if the water becomes green or murky. This may occur immediately after planting from the manure in the soil. Overflowing is the sure remedy. After the water becomes clear it will remain so. Enthusiasts will find many other things to do, some of which will benefit the plants, but none of which may not be safely dispensed with. Most of us produce good roses or dahlias with ordinary care, yet the fancier growing show flowers may constantly be engaged in tending his charge, and so it is in water gardening.

Establishing the Water Garden

The most important thing in establishing a successful pool are to have the depth of water right and an abundance of good garden loam in which the plants are to grow. **We build our pools 2 feet deep, which allows for 1 foot of soil and 1 foot of water over the plants.** These give the best average results, though the depths may be greater or less and still the plants thrive.

Soil and Fertilizer. Most any garden loam will give good results, they particularly rejoicing in a strong loam such as roses enjoy. Do not use leafmold or swamp muck. The best fertilizers are the mildly stimulating kinds among which cow manure—well rotted if possible—and bonemeal rank high. **Sheep manure or commercial fertilizers of any standard brand are particularly recommended.** Their use will insure a thrifty, luxuriant growth. All fertilizers should be well mixed with the soil before planting—cow manure at the rate of 1 part in 5, commercial fertilizers 1 pound to each 18-inch box. Loma or Vigoro are especially good commercial fertilizers.

Boxes versus Mud Bottoms. There are two commonly used methods of planting—in boxes or by spreading the soil over the concrete of the bottom to the required depth. Both have their good points according to conditions. For the large pool or where varieties must be kept, separate boxes are recommended. In small pools where the space is restricted, plants often make better growth on a mud bottom as it allows more root room. Boxes should be 1 to 2 feet square and 1 foot deep. In large pools they should be 3 to 4 feet square. The rule is to give as large a box as possible for the number and size of the blooms are in direct ratio to the amount of root room.

Distance Apart to Plant. A pool 4 by 6 feet will comfortably accommodate 3 or 4 lilies as well as Water Poppies, Water Hawthorne, Arrowhead, Water Hyacinth, Water Iris or equivalent plants. A pool 10 feet in diameter will accommodate 6 to 10 lilies, depending upon their vigor, and also a number of Water Poppies, Iris and other such plants. As a general rule, it is well to allow from 3 to 5 feet between the plants. In very large pools a more natural effect may be gained by planting a number of roots in a group and separating the groups by a little open water.

Construction of Boxes. For years we have used ordinary rough pine boards 1 inch thick and 12 inches wide in building boxes. Pine wood will last for many seasons under water and is entirely satisfactory. No bottom need be used, for when the sides are placed on the concrete floor it is not needed; however, a strip should be nailed across on the inside so that when the soil is put in it will keep the sides from floating away. The corners of the boxes should be reinforced by a 2 by 3-inch cleat nailed on the inside. Permanent boxes may be built of brick or concrete, but movable boxes are to be preferred. Tubs make good containers for the moderate growing kinds. It should be remembered that the roots of water lilies extend laterally rather than penetrate deeply, and thus kegs and other deep containers are not particularly satisfactory.

Planting. When the lilies are received care should be taken to **prevent their becoming dry before planting.** They may be covered with wet burlap. After the boxes are prepared a small hole may be scooped out and the plant put in place, **horizontally**, and not upright, with the growing end just flush with the surface.

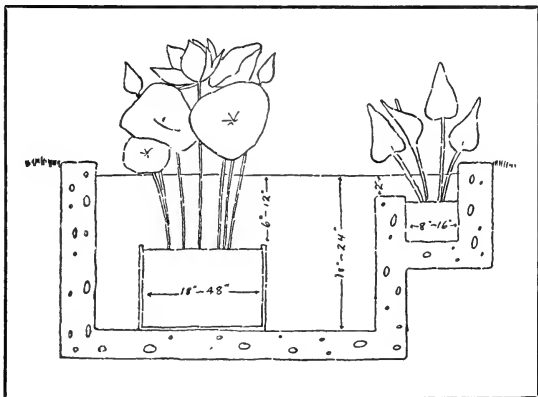
A Practical Metal Tank

This very successful pool was planned by Mrs. C. W. Fawcett of Kerrville, Texas. It consists of a galvanized iron tank 18 inches deep and 6 feet in diameter. Such a tank is quickly made at any tin shop. The ease with which it may be moved will appeal to those who are not permanently located. The lilies are planted in boxes and are growing and flowering freely. Blocks of concrete set in the lawn form a very pretty setting for the pool.





Hardy lilies are easily planted and cared for. This variety—Conqueror—is a free bloomer.



Showing the proper way to plant lilies and the correct water depths. When planted in boxes the pool is easily kept clean. In boxes 18 or more inches square and a foot deep plants will make a vigorous growth and give many blooms. The ledge pictured above is an ideal place to grow those interesting smaller aquatics such as Arrowheads, Calla Lily, etc.

Tropical water lilies are shipped as 4-inch pot plants, and these should be set upright to the same depth as before. It is well to fill the pool with water a day or so before planting to allow it to become warmed by the sun and then to plant directly in the water. **Do not allow the leaves to wither.**

Sand to Cover Boxes. An inch layer of sand or gravel spread over the boxes after planting will help to keep the water clear. This is particularly true where a fine clay soil is used or where goldfish are kept.

When to Plant. Planting of the Hardy Lilies may be begun from February to May, depending upon the location. Our shipping season opens in February for the Pacific Coast and Florida; March to May for the Southern and Northern States. Tropical lilies are planted somewhat later, generally in May and June. For details as to shipping dates see under Tropical Lilies. Hardy Lilies may be planted almost the year around in mild regions.

Spring Cleaning. In the early spring before growth commences the pool should be cleaned out and all sediment removed. At this time any necessary repairs should be made and all plants got in shape for the early display. Hardy Lilies should be dug up with a small ball of earth, the boxes emptied and refilled with fresh soil and fertilizer. The old soil may be used again if given a heavy dressing of commercial fertilizer. Replant the lilies, tramping the soil down well. Boxes for the Tropical Lilies and all other water plants should also be prepared. If this work is well done the pool will require very little attention during the summer.

Winter Care of the Pool. Hardy water lilies grow wild in northern regions and need no protection other than from direct freezing of the roots. Where the water is deep enough not to freeze solidly they will come through unharmed. Artificial pools are perhaps best drained to prevent damage to walls from ice. Fill the pool with straw or litter and cover with boards. If the covering is secure the boxes may be left in or they may be removed to a cold cellar or buried in a trench. See that they are kept **moist** and protected from mice. Do not allow them to become dry. Tropical water lilies are hardy only where oranges may be grown. Read under Tropical water lilies.

Fall Care. In the autumn the Hardy Lilies prepare for winter by losing all leaves, the plants becoming dormant until the early days of spring. All old leaves may safely be removed as a preparation for winter.

Insect Enemies. Plant lice or aphid is the only common pest of water plants. They are easily controlled by washing off with a strong spray of water when the fish will eat them. They may be killed with nicotine spray. We use the following home-made spray: 1 cubic inch laundry soap dissolved in a quart of hot water; add one-third pint kerosene, beat with egg beater to cream and add 5 gallons cold water. Use with garden spray.

Green Scum. The green scum sometimes found in pools will disappear when the leaves shade the surface. Allowing the pool to overflow will keep it in check.

Mosquitoes and Goldfish. There will be no annoyance from mosquitoes where a few goldfish are kept in the pool. Allow about 12 fish to a 6-foot pool. These will take care of any mosquito wigglers hatching in the water and aid in keeping the water sweet and clear. This is one rule that works every time.

Have Plenty of Flowers the First Year

in Your Water Garden



Dormant roots of Gloriosa and Comanche ready for shipment. Leaves and flowers are stored in the crown ready to burst forth.

Cacti and Succulents for the Miniature Desert Garden

Have you ever grown these most interesting desert plants? Then you really have a garden thrill awaiting you! They have the most beautiful flowers and the oddest and queerest forms imaginable. Most of the succulents do not have thorns and may be easily handled. They readily grow in small decorative pots in any sunny window and do not need but a tithe of the care required for Geraniums or ferns. In the summer rock garden or porch they add an exotic touch and you may be sure you have something that your friends will not know. On pages 33 to 36 will be found our listing of these interesting plants and a number of convenient collections.

All the plants that we catalog are grown in our nursery and are well rooted specimens. Wild or collected plants are unsatisfactory and seldom live.

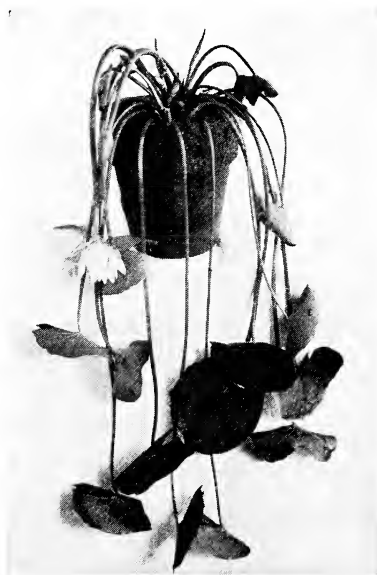
All Cacti and Succulents are shipped Postage Free.

The sure way to secure a long blooming season and plenty of flowers within six weeks after planting is to plant our vigorous, well cured lily roots. Strong healthy roots well stored with reserve foods will make a quick return to growth and blooming after being transplanted to your garden. Weak, unripened roots require a long time to reach the vigorous state needed for plentiful bloom. Our Sunny Southern California grown lilies have had ten months of growing and as we raise all our own stock in concrete pools where we can control conditions and see to their proper curing you may be assured of the best the market has to offer.

Remember our plants are raised in concrete pools the same as in your garden and are not the spongy, unripened roots of lilies raised in natural, swampy pools.

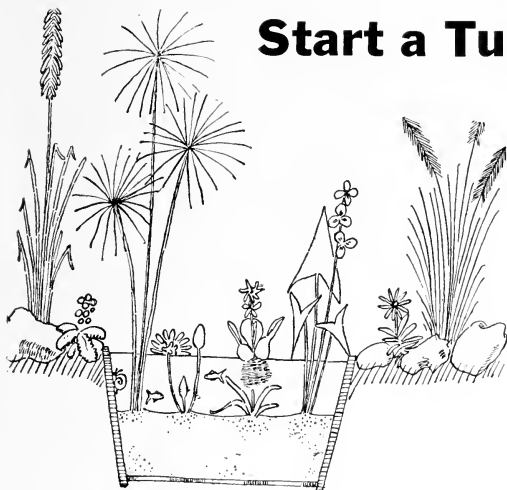
WE GUARANTEE THE SAFE ARRIVAL OF OUR PLANTS.

PLANTING INSTRUCTIONS SENT WITH EACH ORDER



Tropical waterlilies are grown in pots and are shipped with the soil attached. They do not have rhizomes or bulbs like the Hardy lilies.

Start a Tub Garden this Year and enjoy a Miniature Pool



- | | |
|---------------|---------------------|
| 1. Torch Lily | 5. Water Hyacinth |
| 2. Perennials | 6. Fish Plants |
| 3. Papyrus | 7. Giant Arrowhead |
| 4. Water Lily | 8. Ornamental Grass |

Complete Tub Garden \$3

COLLECTION NO. 1

All plants needed for a pleasing tub garden and one from which you will derive much pleasure. The plants have been chosen for the beauty they will lend the garden and their ease of culture.

1 Water Lily. Your choice of Marliac White or Paul Harlot.

4 Aquatics including the best of floating and shallow water plants.

4 Marginal Plants to plant about the tub and in the background.

Pair of Water Snails for scavengers.

Postpaid to your address \$3.

3 Tub Garden Group \$8

COLLECTION NO. 2

One of our most popular collections is this group of three tub gardens, each containing a different colored lily and plants enough to make a very brave display. By following the key plan on the opposite page an attractive arrangement may be simply made. A good grouping for the center of a garden.

Collection price, \$8 postpaid.

California grown plants are hardy plants. Plant them where winters are severe. Their vigor will safeguard them.

Happily water lilies will thrive in the confines of a tub or barrel in any nook or sunny corner of the garden, growing so easily and beautifully that everyone should enjoy them. You do not really need much room; a space three or four feet square making a very pleasing small water garden. All of us can experience the joys of this form of gardening, growing some bright water lily and several varieties of water and bog plants in and about the tub.

Choose a sunny spot and sink your tub—a common washtub makes a splendid container—or half barrel in the ground. Two or three tubs are often grouped together filling the space between with perennials or perhaps a rockery around them. The tubs should be filled with five or six inches of garden loam to which a handful or so of commercial fertilizer such as Vigora or Loma has been added and well mixed. During the summer a spoonful added every two or three weeks will keep the plants growing and blossoming. Picking off the older leaves occasionally will keep the plants in bloom all summer long.

De Luxe Tub Garden \$5

COLLECTION NO. 3

In this collection we feature particularly choice varieties of lilies. Such sought after kinds as Comanche and Gloriosa make it an attractive value.

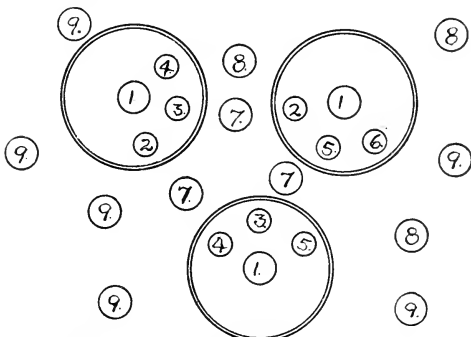
1 Water Lily. Your choice of Comanche, Gloriosa, Conqueror.

6 Aquatic Plants including Papyrus, Giant Arrowhead, etc.

6 Poolside Plants in a fine selection.

Pair Japanese Trapdoor Snails as scavengers.

Postpaid to your address \$5.



KEY TO TUB GARDEN GROUP

The key numbers in this paragraph refer to the plan above.

1. Water Lilies. 2. Papyrus. 3. Arrowheads. 4. Water Poppies. 5. Umbrella Palms. 6. Water Hyacinths. 7. Ornamental Grass. 8. Torch Lilies. 9. Perennials.



Hardy Water Lilies

The Basis of Your Water Garden

This group of lilies should form the basis of your water garden. They are perfectly hardy anywhere, thriving as well in Canada as in Texas, needing only the protection of a winter covering to stand the coldest weather. Blooming as they do from early spring until autumn they are indispensable, assuring you of a long succession of brilliant flowers with but a minimum of care. There is no plant in the garden giving such an abundance of cheerful color during the long spring and summer months and needing such little attention. Provide them with fresh soil or a dressing of fertilizer in spring and they are content for many months to come.

They have a wide range of color, red, yellow, pink and all the pastel shades and sufficient novelty of form and habit to make a collection of them a never ending source of delight. Some of them have blooms eleven inches across while others bear tiny jewel like flowers hardly the size of a dollar. All of them are native to the cooler parts of the United States and Eurasia and may be depended upon to be perfectly at home in your garden pool. The variety at the left is Attraction.

The Dozen Best Hardy Water Lilies

You will particularly enjoy these varieties as only those that through long years have proven the most popular are listed. We feel our patrons have selected them because they combine the qualities of prolific bloom and sturdy growth as well as beauty of flower.

CONQUEROR. One of the most popular lilies grown being outstanding in showiness, size and freedom of bloom. It also flowers quickly after planting, often in less than a month. The 8-inch crimson flowers are continuously borne during the entire spring and summer the plant soon sending up several flowers at a time. We are sure you will be pleased with this lily and particularly the fine large roots we offer. \$3.

COMANCHE. The best of all the sunset colors and the hardest of all water lilies. Brilliant, glowing amber red with heart of fire. The plant is very sturdy, blooming over a long period and thriving as well in the small tub garden as in the large pool adapting itself to the space at hand. It flowers more persistently than any other variety we know, repaying neglect with plenteous bloom. Pictured in full color on rear cover. \$3.

SUNRISE. This magnificent sunrise yellow lily has enormous crepe-like blossoms measuring over 11 inches across. Even as a young plant it surpasses all others in size. The glorious blossoms are raised on slender stems above

the water the petals having a crepe-like texture and charming gracefulness quite unlike most gigantic flowers. Wherever we have planted it, it is invariably singled out for special attention. Best of all its blooming season is from early spring until cut down by autumn frosts while in California it blooms almost the year around. It is the most sensational hardy lily we catalog and stocks are always short. Pictured in color on rear cover. \$5.

GLORIOSA. A very popular red lily for all purposes. The exquisite flowers are above the average in size containing a great many petals of fiery red. Does splendidly as a tub plant blooming quite freely in crowded quarters. It often blooms three weeks after planting as many customers have written us. When allowed ample space to develop the blooms become very large, floating on the water, there often being four or more open at one time. A patch 15 feet square in our pools had an average of over 150 blooms daily throughout the summer. Pictured in color on rear cover. \$3.

Since
1876



JOHNSON . WATER . GARDENS
Water Lilies from Hynes, California

SOMPTUOSA. Among pink lilies it would be difficult to choose a more satisfactory sort. As the name implies it is a most sumptuous flower with a good depth to its color and satiny texture of its petals hard to define. Above the average in size, perfect in form and rather double it is a splendid addition to our choice varieties. Generally listed as a rare and expensive plant we are enabled this year to offer it at a popular price. Pictured in color on rear cover. \$3.



PAUL HARIOT

PAUL HARIOT. The development of this prize lily is most pleasing for on the opening day the petals are clear yellow suffused with rose, becoming orange pink on the second day and deepening to red on successive days. We have featured this lily because we consider it one of the best all around varieties blooming profusely and being a very sturdy, hardy plant. If you enjoy harmonious coloring you will like it. \$1.50.

SPLENDIDA. A rich, deep strawberry pink the heart fairly pulsating with color together with a very pleasing form and perfect habit make this a general favorite. A long bed of this in our nursery fairly blazed with color all summer long and as the days shortened the color intensified to a rich red pink. Do not fail to include this new and rare French variety. We have pictured it in color on our front cover. (Upper left.) \$3.

GLADSTONE. A large dazzling white flower with broad waxy petals and sulphur yellow heart. The color is pure snowy white making a perfect contrast with the colored kinds. A very free blooming kind opening early in the morning as well as early in the season the blossoms being from 6 to 8 inches across. An old variety that grows ever more popular. \$1.50.

JAMES BREYDON. A gorgeously vivid rosy crimson blossom full petalled and broadly cup-shaped. The color seems to glow in the sunshine and together with the bronzy red leaves gives the plant most colorful and bright appearance. An old variety quite uncommon and much sought after by those who are familiar with it. We can offer but a limited number this season. \$2.50.

ATTRACTION. A large flower, remarkably bright in color and almost 8 inches across.

The brilliant garnet red petals are brought vividly into relief by the lighter colored sepals. It is a very free bloomer and a vigorous, thrifty plant soon becoming established in your pool. We really cannot do it justice. \$5.



GONNERE

GONNERE. We are at last able to offer this finest of white lilies in sufficient quantities, we hope, to supply the demand. Think of an enormous, dazzling globe of snowy whiteness nestling among apple green pads and swaying to the ripples. There are only four really double lilies and this so far surpasses others in dazzling brightness and freedom of flower as to place it by itself. It averages 80 quilled petals to the blossom being almost a full globe. Words cannot do it justice it must be seen to be properly appreciated. This and Sunrise seem to be the most spectacular lilies we have. \$5.

ESCARBOUCLE. The most brilliant flower of all the red water lilies. Bright intense red, deepening to crimson with garnet stamens. A free flowering, strong growing variety well repaying any attention given it. One of the hardiest and best yet introduced. Pictured in natural colors on inside front cover. \$5.

COLLECTION NO. 4

ONE EACH OF THE ABOVE 12 LILIES
POSTPAID \$30



The pretty pool of Mrs. Glenn H. Kleinbeck, Murray, Ia. A pleasing, natural grouping such as this may be easily had with our Complete Pool Collections.



New Varieties

To many the lure of growing the rare and charming new introductions brought out yearly makes gardening the fascinating pursuit it is. We have listed here a number of the newer varieties that we can recommend as being everything the fancier could wish. They have been growing in our pools for some years while accumulating stocks and consequently there has been ample opportunity to note the approval of the many who have seen them. There is a great deal of pleasure in raising water lilies from seed for you never know when an interesting variety may appear. On page 24 may be found a list of those we have to offer.

VENUSTA. This brilliantly colored variety has attracted a great deal of attention. The plant is the freest blooming of all the Odorata lilies commencing early in the spring and giving a never ending succession of handsome brilliant pink flowers throughout the summer. The flowers are verging on red pink, a hue universally admired, and intensely fragrant. To appreciate its glowing color one must see it. The blooms are of good size, much substance and borne on stout stems; the foliage is a rich bronzy red. Plants of this have always been scarce, so much so that we have hesitated to feature it. You will enjoy this colorful fragrant flower. **\$2.50.**

PAMELA. A new lily raised by August Koch at Garfield Park, Chicago. The rich sky-blue flowers are borne above the water on tall stems. The flowers are broad petalled, basin shaped and 10 to 12 inches across and very freely borne. The beautiful marbled leaves are an added attraction to this superb plant. **\$3.**

SIRIUS. We imported this from France some years ago and were agreeably surprised when it came into bloom. The flowers are a dark velvety red somewhat like the old Black Prince rose with a heart of deep mahogany stamens. They reach seven to eight inches in diameter and float among the pads. The lily pads are the most brightly colored of any variety, appearing bright red as they unfurl, later becoming heavily blotched with deep maroon markings. **\$5.**

CHARLES DE MEURVILLE. A new variety recently received from France. It is of the same type as Conqueror having flowers of largest size, eight inches or more in diameter. In the spring they are pink becoming suffused with red in summer. An extremely free flowering variety and a vigorous grower with large green leaves among which the immense flowers appear to advantage. **\$5.**

WILFON GONNERE. A welcome addition to the double flowered lilies that are so much admired. The blossoms are a beautiful La France pink in color and open out into a ball of pink petals. The doubleness of the flower gives it a very pleasing effect particularly against the background of bright green pads. It has proven quite free in flower. **\$3.**

New and Rare Water Plants

CHINESE WATER CHESTNUT. Bears green cylindrical leaves, somewhat like the Porcupine grass, that arise from a bulb like a Gladiolus. Makes a beautiful specimen in shallow water. The bulbs are a select article of diet with the Chinese. **50 cents.**

SPOTTED LANCE LEAF (*Sagittaria papillosa*). A brand new novelty secured by us two years ago. Tall lance like leaves beautifully spotted with maroon below and crowned by graceful arching spikes of snowwhite flowers. **\$1.50.**

DOUBLE JAPANESE ARROWHEAD. Planted in shallow water this is one of the handsomest of the smaller aquatics. The flowers are borne in spikes, each floret a perfect snowy pompon. You will enjoy it. **50 cents.**

AZURE PICKEREL PLANT. A tall graceful aquatic for the centerpiece. The bright azure blue flowers are borne in close spikes appearing near the top of every leaf. See front cover. **50 cents.**

EGYPTIAN PAPER PLANT. The characteristic plant of the Nile River. Perfectly at home in the water garden with great plummy heads of green foliage. Illustrated on front cover. **35 cents.**

BLUE AFRICAN LILY. (*Agapanthus*.) 10-inch heads of deep blue bells on tall stems. This splendid plant thrives best planted in the border. May be wintered in a cool cellar. A strikingly beautiful flower. **75 cents.**



Hardy Water Lilies

General List

We have brought together here all the more desirable hardy lilies in a very complete group. On page eight we have indicated the twelve most popular kinds and their merits are discussed there. Our collection is the most complete in the world, the result of more than fifty years of selection and among them will be found all the desirable lilies that have been proven through time. Hardy lilies vary considerably in color and shape and also in the way the plant grows. They are found wild throughout the northern temperate zone each country having its peculiar kinds. In the cold lakes of Sweden is a beautiful red lily, in Central Europe the lakes abound with a large white one while from China comes the tiny Pygmy lily. These have been hybridized with our native white and yellow lilies producing all the various kinds found in gardens. The variety pictured at the left is Rene Girard.

Sunset Colors

COMANCHE. The best of all the sunset colors. Brilliant, glowing amber red with heart of fire. With age the flowers deepen to a warm orange red. The plant is a very sturdy, free bloomer thriving under a great variety of conditions being perfectly at home in a small tub garden or luxuriantly spreading over a large pool. It blooms more persistently than any other variety we know and is the hardest of all water lilies. Pictured in full color on back cover. **\$3.**

Paul Hariot. Colorful orange pink flowers, changeable with age. A very good plant for the small water garden and a special featured variety with us. **\$1.50.**

Indiana. A very fine copper-colored lily with yellow and rich pink tints predominating, deepening to red with age. The flowers run the gamut of colors, a plant often having three distinctly colored flowers at once. A free grower of moderate size bearing many flowers. **\$2.**

Graziella. Charming orange-pink flowers shading to a fine orange-red with age. A splendid variety for the tub garden and one you will enjoy for its unique color and pretty cupped form. **\$1.50.**

Fulva. Changeable flowers, opening out yellow overlaid with red, deepening to tawny red with age. Bold foliage heavily spotted with maroon. **\$2.**

AURORA. A very changeable variety, opening a creamy yellow, deepening through orange red to dark red as the flowers age. A box of these is a beautiful sight. Particularly suited for small pools as it is semi-dwarf in habit and free in flower. **\$1.50.**

Chrysanta. A very fine variety for the tub garden. The flowers open a soft rosy yellow and daily deepen to vermillion. Splendid for small pools. **\$1.50.**

Solfaterre. A flower with the same sterling qualities as Paul Hariot. On opening the

petals are yellow, softly shaded with a rosy blush, as the flower ages the apricot shades become more pronounced until at last the bloom is suffused with red. The flowers are 5 to 6 inches across with a broadly rounded form and floating among the pads. A very vigorous and prolific bloomer. **\$2.50.**

Sioux. Rich chrome yellow flowers tinged with bronze deepening to orange red. A very brilliant flower and a sturdy free blooming plant. **\$3.**

Red

GLORIOSA. A gorgeous flower, brilliant shining red in color and above the average in size. It is one of the most popular lilies we have and as an all around useful plant it has no peer. Does splendidly in the tub garden blooming profusely. In the larger pool it develops into a cluster the exquisite semi-double blooms measuring 7 inches across. Many of our customers write in that it comes into bloom almost at once after planting and agree that it is all that could be desired in every way. Pictured in color on rear cover. **\$3.**

CONQUEROR. An immense flower 8 to 9 inches across and of a fine crimson color. We recommend it particularly and list it among our 12 best lilies. Illustrated in color on front cover. **\$3.**

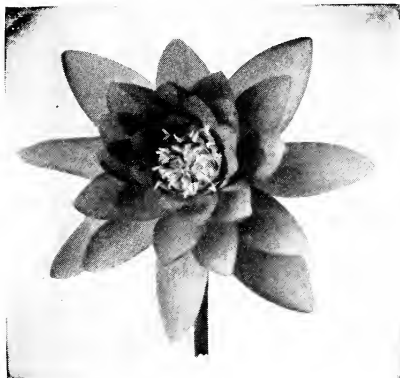
ESCARBOUCLE. The most brilliant flowered of all the red water lilies. Bright, intense red, deepening to crimson, with garnet stamens. A free flowering, strong growing variety, well repaying any attention given it. One of the hardest and best yet introduced. Pictured in natural colors on inside front cover. **\$5.**

Attraction. An immense flower and listed among our twelve best lilies. Remarkably bright red in color and very free in bloom. We have counted fifty blossoms on a single box of them. Fully described on page 9. **\$5.**



William Falconer. The deepest red of all lilies being almost a velvety red-black the heart set off with garnet stamens. The leaves are beautifully marked and the plant a vigorous grower well known to fanciers. \$5.

Red Laydeker. (Laydekeri fulgens). One of the very best lilies we know. The flowers are of good size, vivid red and freely borne. In fact it is so good we have hesitated to feature it as stocks are scarce. A single plant will have from 3 to 4 flowers open at one time and a box of them will be a sheet of vividness for months. \$2.50.



CONQUEROR

Picciola. A very large, dark crimson variety. The leaves are heavily spotted with red. \$3.

Robinsoni. This has been a favorite with water gardeners for almost 30 years because of the beauty of the flowers which are a bright warm tone of red with orange red stamens. It is a particularly vivid color to group and is recommended for large plantings. \$2.50.

Fabiola. A strong growing red lily with flowers borne on upright stems. Fine for deep pools. \$3.



The beautiful pool and garden of Mrs. Howard B. Hoel of Greenville, Ohio. The formal pool set in an emerald green lawn with the background of shrubbery and the white tracery of the pergola makes a perfect outdoor living room. Our Collection No. 7 on page 19 makes an ideal planting for such a pool.

Newton. An outstanding new variety remarkable for the brave show it makes. The large red flowers are quite like the tropical lilies. You will enjoy its novelty. \$5.

Vesuve. A very dark and beautiful red lily producing an incredible number of flowers. The floating blossoms are large and full petalled with a satiny sheen. \$3.

Rene Gerard. An immense flower 8 inches in diameter and a fine red pink in color. It should be in every collection. \$5.

Atropurpurea. Glorious, deep crimson flowers, 7 inches across, with heart of golden yellow. The blooms are extra large and very freely borne. \$5.

Lucida. Warm red flowers and beautifully mottled leaves. \$2.



ROBINSONI

Marliac Flame. (M. flammea.) Deep red floating flowers on the order of Gloriosa. It is as free in flower as the other Marliac lilies and has all their qualities of vigor and hardiness. An old and choice sort. \$5.

Meteor. A very large fiery red lily with beautifully crumpled petals. \$5.

Arethusa. The flowers are large with fine broad petals, deep rich crimson in color and with lighter sepals. The whole flower has a pleasing velvety sheen. \$5.

Murillo. Cherry red flowers borne in exuberant profusion. \$3.

Sultan. A very attractive red lily deepening from rose to cherry red toward the heart. The flowers are large and always freely borne throughout the summer. \$5.

James Hudson. Enormous tulip shaped flowers with pointed petals. The flower is rich rose crimson, outer petals white stained rose. \$10.

MARLIAC RED. (Marliacea rubra punctata). Bright red flowers freely produced. An old and tried variety of which stocks are always short. Similar to the other Marliac lilies except in its brilliant red coloring. A most dependable sort in every way. \$3.

Marliac Fire. (Mar. ignea). A fine free flowering lily with fire red blossoms. \$3.

NOTICE

Plant California lilies where winters are severe for their extra hardiness.



Yellow

MARLIAC YELLOW. (M. chromatella.) Bright sulphur yellow in color with broad curving petals. It blossoms over the entire spring and summer, producing an endless succession of its large blooms. The leaves are handsomely spotted with maroon. A very vigorous plant and one of the best we have. Thrives under all conditions and is extremely hardy. One of our most popular sellers and the basis of many of our collections. **\$1.50.**



MARLIAC YELLOW

Chromatella. Another name for Marliac Yellow described above.

SUNRISE. This is the largest of all hardy lilies reaching over 11 inches across. The immense sulphur yellow flowers have a gracefulness and charm all their own. For a full description of this fine lily see under 12 best lilies. Pictured in color on rear cover. **\$5.**

Odorata sulphurea. Fragrant yellow blossoms borne upright above the water the petals being crumpled. **\$1.50.**

Yellow Pygmy. Bright yellow miniature flowers borne in continuous profusion. A gem for the small water garden and no pool is complete without it. It is a very cheerful little flower and we are sure you will enjoy it. **\$1.**

Moorei. A new yellow lily with the same fine qualities as Marliac Yellow. It differs in being a shade darker yellow and in the leaves



SOMPTUOSA

A fine brightly colored lily.

being finely spotted instead of mottled. A first class variety. **\$2.50.**

Mexicana. The wild Florida lily with bright yellow flowers. Increases by runners like a strawberry. Not hardy north of Philadelphia. **\$1.**



MASANIELLO

A favorite with experienced water gardeners.

Pink

MARLIAC PINK. Beautiful pale pink flowers of a most exquisite color when the buds unfold and with a very dainty perfume. The flowers are quite large while the plant is a vigorous free bloomer of the best type. The blooms open quite early in the morning. One of our most popular kinds. **\$1.**

SOMPTUOSA. One of the largest and best of the pink lilies. One of our best 12 lilies. Turn to rear cover for picture. **\$3.**

Rose Arey. Starry, deep pink, intensely fragrant flowers of exceptional size. The bright, even, cerise color and the beautiful,



This pool was designed and built by Mrs. W. J. Grube, of Delaware, Ohio. In such inexpensive pools water plants thrive exceedingly and are a source of much pleasure to the entire family.



AURORA

A fine sunset color for the small pool.

full, starry form make this one of the best of the Odorata section. One of the most popular lilies. **\$2.50.**

SPLENDIDA. A fine strawberry pink flower and one that you will greatly admire. It is pictured in full color in the collection of lilies offered on our front cover. **\$3.**

The Harlequin Lily. Esmeralda. A new striking bicolor, unique in having its petals marbled pink and white in a most unusual and pleasing way. The 7-inch flowers are borne in profusion. No collection is complete without this one. **\$5.**

MARY PATRICIA. Introduced by us last year it has proven very popular. The daintiest blossom imaginable of deep peach blossom pink and as royally generous in flower as its prototype, *Gloriosa*, which it greatly resembles in habit. We know this will find your approval both for its daintiness and bountiful supply of flowers. **\$3.**

Eugenia de Land. A very charming sweet-scented lily of the Odorata section. The long spreading petals are deep pink near the base, blush at the tips, giving a very distinctive coloration. The blooms are of good size and semi-double. **\$1.50.**

Morning Glory. An exquisite soft shell pink lily, very beautiful, particularly when opening in the morning. The blossoms are large and quite freely borne. The plant is a good, robust grower. **\$2.50.**

Pink Laydeker. (Laydekeri lilacea.) This is the queen of miniature lilies no other comparing with it. The miniature blossoms are perfect jewels, replicas of their larger neighbors in every minute detail. And best of all, it blooms from early spring to late fall and bears a rich profusion of flowers; we having counted 72 open ones on a box of them. No pool, however small, should be without this tiny plant. **\$1.50.**

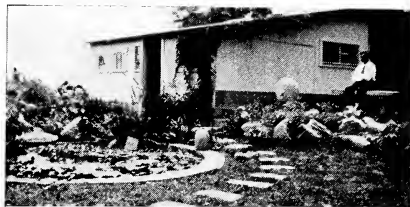
VENUSTA. An exquisite new lily of an indescribably brilliant pink. On page 10 is a full description of it. **\$2.50.**

JAMES BRYDON. If you once see this lily you will want it. The bright rosy red flowers are broadly cup shaped and massive in appearance. It is one of our most admired kinds. See page 9 for full description. **\$2.50.**

Odalisque. A striking, deep pink lily opening very early in the morning. Intensely fragrant. **\$3.**

Pink Opal. A pretty variety of the wild pond lily of Cape Cod. Graceful cup shaped flowers of deepest pink and quite fragrant. **\$1.50.**

Neptune. An imported variety with beautiful pink petals flushed with red at the base giving the flower a most attractive appearance. It does not seem possible for a plant to bear more flowers than this one does. **\$3.**



The pleasant pool and garden built by Mr. John W. Carpenter of Yorktown, Indiana. Our Collection No. 10 will make your pool as interesting.

Carmine Laydeker. (L. purpurata.) Pleasing carmine rose flowers borne in constant succession. A first rate variety for the small pool as the plant is dwarf in habit. **\$1.50.**

Mrs. Richmond. A magnificent flower of great beauty and exquisite coloration—rose deepening toward the glowing heart in a most striking way. The massive flowers are many petalled, very large and most freely and continuously produced. One of the rarest and handsomest varieties yet produced. **\$5.**



The pool and rockery of Mrs. W. T. Martin of Lompoc, California. An informal pool and rock garden planted about with perennials and flowering shrubs. Collection No. 17 is designed to beautify pools of this type.

Since
1876



JOHNSON . WATER . GARDENS
Water Lilies from Hynes, California

MASANIELLO. One of our most popular varieties. A vigorous plant and a good variety for all purposes. The illustration well shows its graceful form. The flowers are a fine pink color. \$2.50.

Leviathan. As the name implies it is a mammoth bloom, 8 inches across of a deep pink color. A very free bloomer and vigorous grower. \$3.

Galatee. A very pretty and free flowering pink lily with leaves spotted maroon. Absolutely distinct in foliage and flower. A very hardy plant and one that will give satisfaction under all conditions. \$5.

FORMOSA. Immense soft pink blooms opening out wide with broad round tipped petals and golden yellow stamens. It has a very pleasing fragrance that seems to go with just such a color. One of its best features is the freedom with which even the tiniest plants bloom in never ceasing abundance. \$3.

Amabilis. Its very attractive, starry form and spreading petals set it in a class by itself. In color it is a bright silver pink and easily averages over 7 inches in diameter. A good plant for the small garden. \$5.

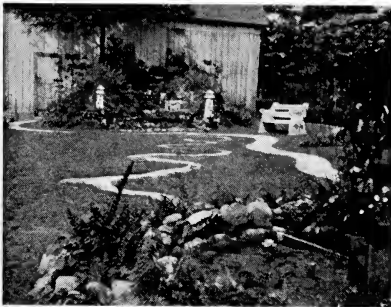
Marliac Rose. Deep pink fragrant flowers opening early in the morning. As popular today as 30 years ago. The fragrant waxy blossoms last several days when picked. \$2.

Mme. Julian Chiflot. A magnificent star shaped variety whose spreading petals reach eight inches across. Beautiful tender pink in color with heart of golden yellow. One of our choicest lilies. \$5.

Goliath. Exquisite decidedly tulip shaped flowers, bright pink in color. \$5.

Rosita. A rather novel cherry red flower with bronzy leaves. \$5.

Gloire de Temple-sur-Lot. Exquisite, blush pink blossoms, with conspicuous yellow heart, perfectly double and with crumpled petals in form exactly like a splendid cactus dahlia. \$5.



An interesting pool and garden designed by Mr. H. C. McEwan of New Bethlehem, Pa. The planting of such a pool is very simple where our Complete Pool Collections are ordered. The instructions sent with each order explains the planting of the various plants. Our Collection No. 17 will comfortably fill this size pool.

SOUV. DE JULES JACQUIER. Immense basin shaped flowers 8 inches in diameter. They are deep rose pink in color with a heart of clustering mahogany stamens. The buds are very large and round almost like tennis balls. A sterling plant. \$10.



Comanche and Purple Star were still in bloom in the pool of Mrs. J. M. Campbell of Leitchfield, Kentucky, on November 20th. These sturdy lilies will bloom until late autumn. Collection No. 7 will comfortably fill this pool.

MARLIAC WHITE. Snowy white broad petalled flowers with bright yellow stamens. The fragrant blossoms are 5 to 6 inches in diameter and freely produced throughout the entire season. A most desirable plant and one of our best sellers. \$1.

GONNREE. This is one of the finest introductions we have secured in Europe but until recently we have had but few plants to offer. We hope to be able to fill all orders this season but ask you to order early to be sure of securing it. Its immense double white flowers are fully described on page 9. \$5.

Albatross. Large, dazzling white, fragrant flowers. The pointed, spreading petals and golden heart set it apart from its fellows. Leaves marbled with maroon. \$3.

Lactea. A moderate grower with creamy white blossoms. \$2.50.

Alba plenissima. Globular snow white flowers. \$2.50.

GLADSTONE. Large dazzling white flowers with broad waxy petals. Described in full among our 12 best lilies. \$1.50.

White Laydeker. A very pretty lily of dwarf size suitable for small pools. The snow white blooms have a distinct yellow heart and a pleasing tea fragrance. \$1.50.

Hermine. The flowers of this lily are pure white and have a beautiful starry form. It is particularly suited to tub gardens and the small pool both because of its freedom in flower and the small space it requires. \$2.



ROSE AND BLUE STAR LILIES

Tropical Star Lilies

The Hardy Tropical Lily

Each year we become more firmly convinced that the Star Lilies are among the most satisfactory lilies for all purposes. For the small pool, for the park and for cut flowers they have no superiors. They are easy to grow, the freest of all in flowering and of sturdy constitution, thriving with a minimum of care. We can ship these lilies as sprouted tubers at any time of the year with perfect safety and they may be set out in your pool along with the hardy plants with the perfect assurance that as the weather becomes warm they will shortly appear and almost at once come into flower. Plants started with our tubers generally have several crowns, each one of which will flower freely. This bulb may be detached any time after the plants have started to flower and may be stored in moist sand until the following spring, when it may be sprouted again.

The starry blossoms, brilliant in hue and scented with the fragrance of Lily of the Valley, are produced in endless profusion all summer long. One may reasonably expect 100 flowers in a season and we have actually counted over 750 flowers from three tubers planted together in a box during the summer. The flowers are 6 to 8 inches across and borne on stout stems a foot above the water. The photograph well shows their habit and freedom of bloom. We use these and recommend them as the basis of all plantings of water gardens for the astonishing display of color they give and their utter dependability under any and all conditions. All of the Star Lilies are alike in the way they grow, differing only in their colors. All Star Lilies are shipped as sprouted tubers.

ROSE STAR. The starry flowers are brilliant rose pink and scented with the fragrance of the Lily of the Valley. During the long summer months they are produced in endless succession often 4 or 5 flowers will be open at once. Each flower is from 6 to 8 inches across and is borne on a stout stem a foot or more above the water. As a cut bloom for the house they are unexcelled lasting from 3 to 5 days. \$2.

BLUE STAR. All of the Star Lilies are much the same in appearance and differ only in color. The blue shades are very vivid and deep seeming to have a luminous quality about them. When planted in the same box with the Rose Star it gives one of the most beautiful effects we know. Many of our friends have written us about the splendid color combination. \$2.

Red Star. A rosy wine red and the nearest approach to a deep red among the Tropical day bloomers. The color is particularly vivid in the late summer when the flowers become the brightest objects in the pool. An extremely free bloomer. \$3.

Purple Star. Bright violet blue, a most intense and luminous color. Be sure and plant this in the same box with the Rose Star for a striking color combination. \$2.

Pink Star. Satiny silver pink blossoms with a yellow heart. An attractive plant particularly when grouped with the more intense colors. \$2.

Star Trio

COLLECTION NO. 5

A trio of bulbs giving a very striking effect when planted together in a box. Three bulbs for the price of two.

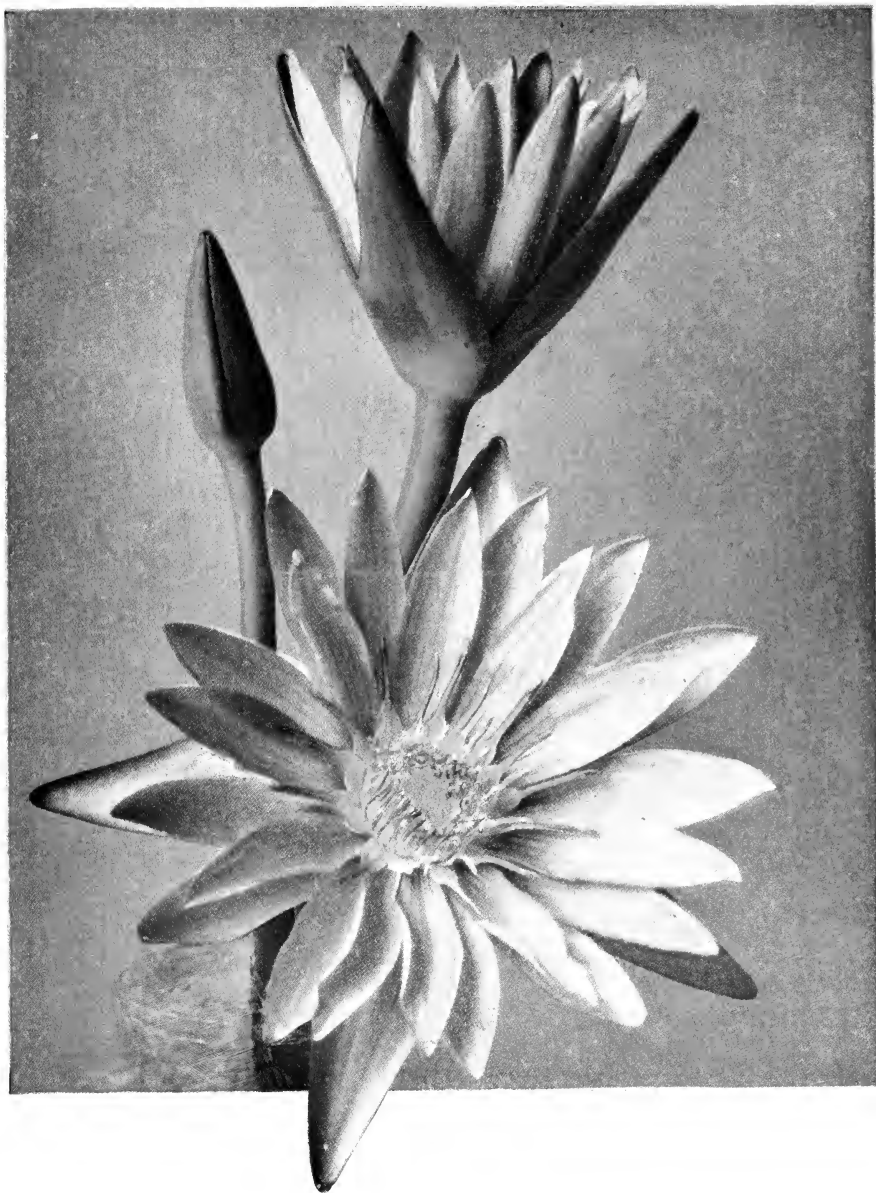
POSTPAID \$4.

1 BLUE STAR

2 ROSE STAR

Winter Care of the Star Lilies. First save the old bulb for it will give you new plants each spring for many years. It will be found attached to the base of the new plant. Raise the new plant to the surface and if planted in the bottom dig it up the object being to check growth and so make the plant go to rest when it will form a hard pine cone like tuber. When frosts are imminent remove to basement to complete curing process. After a month remove tubers and wash storing them in moist sand. Plant out in May. In mild climates where less than two inches of ice form they should be left out all winter. They have wintered outdoors at Nashville, Tennessee.

Rose Star

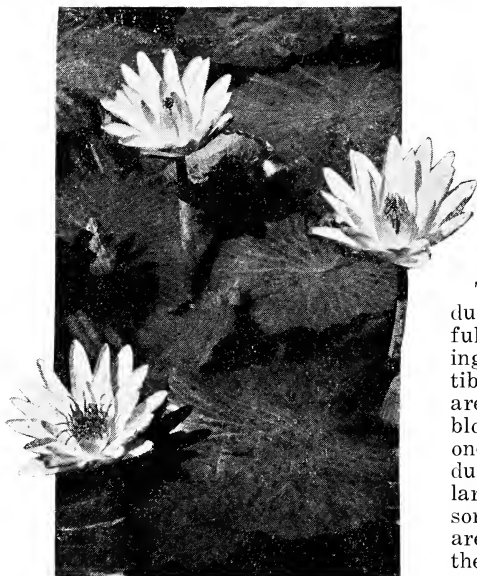


THIS lily is a surprise, with its blooms of brilliant rose, reflecting the true lustre of the stars. It is delightfully fragrant—very much like the Lily of the Valley and is altogether a most bewilderingly beautiful creation.

[Star Trio Collection No. 5.
2 Rose and 1 Blue Star at
the price of 2, \$4.]

Each \$2.00

Tropical Night Blooming Lilies



These fascinating lilies from far off India are, during the sunny morning hours, the most beautiful flowers in the garden. Their gorgeous coloring and exotic appearance give them an irresistible appeal and make them favorites with all who are familiar with them. Really the name night blooming does not do them justice for they form one of the most striking features of the pool during the early part of the day. The flowers are larger than the average, from 8 to 12 inches, some opening flat, others cup shaped. The plants are very floriferous, the crowns stooping out as the season advances, well grown plants often have a half a dozen flowers open at one time. The flowers begin to unfold in the early evening and

remain open until shortly before noon the following day, opening on several successive evenings. They bloom quite freely in the small water garden, George Huster and O'Marana being especially good. We ship them in late spring after the weather becomes settled and warm, generally in late May.

GEORGE HUSTER. A large brilliant red flowered variety, the blossoms 10 to 12 inches across. The leaves are a beautiful bronzy red and crimped at the margins, being very ornamental. A strong free blooming plant and one of the most desirable varieties cultivated. **\$1.50.**

JUNO. Immense pure white flowers, opening widely, the central disk being surmounted by a cone of saffron yellow stamens. The plant is free blooming with large glossy green and finely-toothed leaves. Seen in the dusk of evening they are a never-to-be-forgotten sight. A splendid and stately flower. **\$2.50.**

O'MARANA. Rosy pink flowers of largest size, each petal having a distinct white stripe, the effect intensified by the central group of orange red stamens. The 10-inch flowers are freely and continuously borne over the long summer months. One of the finest varieties offered. **\$1.50.**

Rubra rosea. A fine water lily, freely producing blooms of a brilliant rosy carmine color. In the sunlight the petals seem to fairly pulsate with color. An oldtime favorite. **\$1.50.**

Lotus dentata. A large snowy white variety with sulphur yellow stamens. The blossoms are 10 inches in diameter. **\$1.50.**

Dean. Clear pink flowers, decidedly cup-shaped with very wide petals and deep orange stamens. **\$1.50.**

Frank Trelease. The deepest of the red flowered night bloomers, of a very rich glowing crimson. The leaves are a beautiful dark bronze. **\$1.50.**

Minerva. A large snowy white bloom, broad petalled and of graceful shape. **\$2.50.**

Tanganyika. A new white variety imported by us from Africa. **\$2.00.**

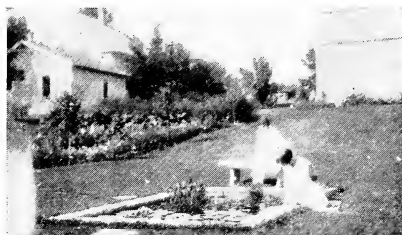
Tropical Night Blooming Collection

COLLECTION NO. 8

Two splendid night blooming lilies in the most popular colors and varieties, brilliant red and snowy white. Planted together in a box they will make a wonderful show. **Postpaid \$4.00.**

Juno

George Huster



This very pretty pool in the garden of Mrs. Ellen N. Benger of Fargo, North Dakota, has been a source of enjoyment to everyone. Water plants thrive in northern climates and with little winter protection are winter hardy. Collection No. 16 will do well in this pool.

Fifty Beautiful Water Plants

for **\$17^{.50}**

(Catalog Price \$27.50)

A Complete Water Garden for the Popular Size Pool

7 x 10 feet

This group includes all the plants you will need to complete a very attractive water garden. Five of the best water lilies in a fine range of color, plants for the center-piece and corners, oxygenating plants for the fish and floating plants. Ornamental grasses and flowering perennials for the border complete the collection. With such a background your pool will be a blaze of color during the entire summer and fall.



This graphic view showing the arrangement of the 50 plants in this superb collection can be easily modified to suit any shaped pool of the same size or larger. Key letters and numbers refer to the plants listed below.

\$17.50 Postpaid to your door

Use the key numbers on the plan to arrange planting.

COLLECTION NO. 7

FIVE GLORIOUS WATER LILIES

1. **Escarboucle.**
The most brilliant red lily.
2. **Comanche.**
The best sunset color.
3. **Blue Star.**
Brilliant blue.
4. **Marliac Yellow.**
Canary yellow.
5. **Conqueror.**
The giant crimson lily.

12 BEAUTIFUL BORDER PLANTS

- 4 Ornamental Grasses
- 4 Torch Lilies
- 4 Assorted Perennials

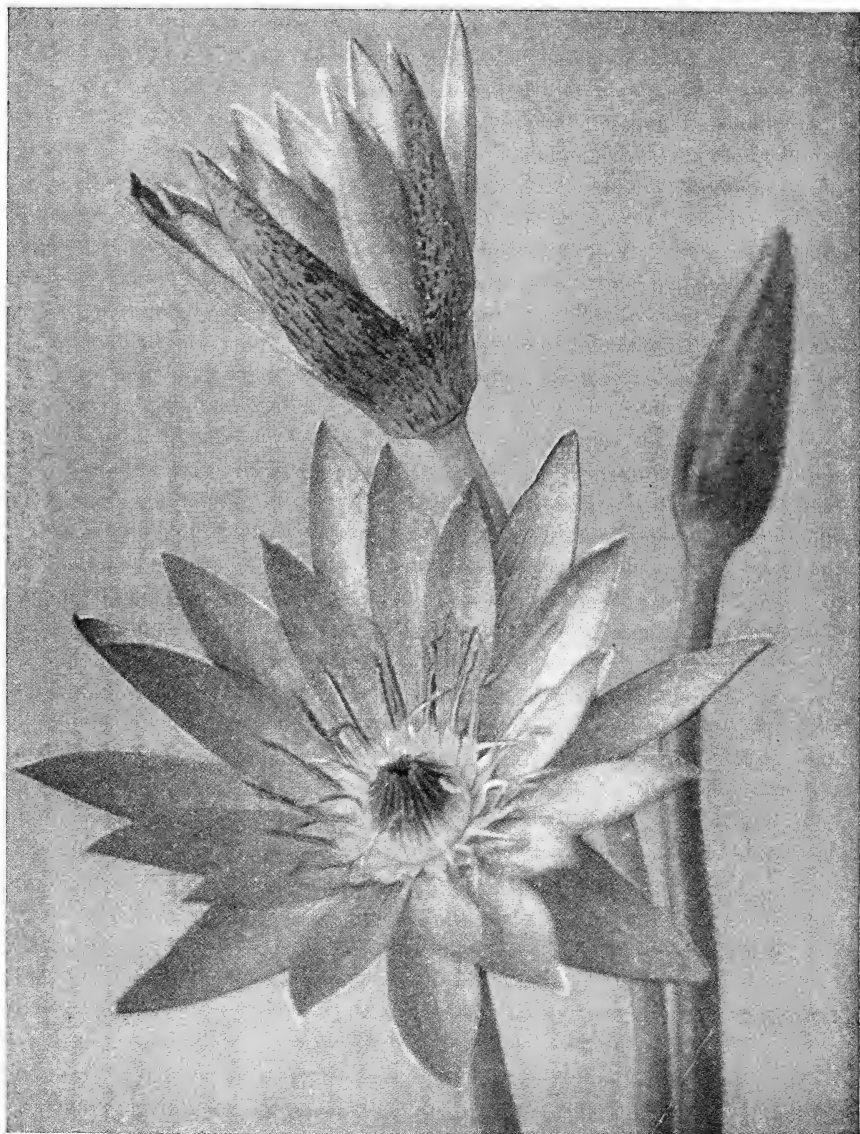
PLANTS FOR CENTER PIECE OF POND AND CORNERS

- A. 3 Water Iris.
- B. 1 Giant Arrowhead; 2 Umbrella Palm.
- C. 3 Umbrella Palm.
- D. 2 Egyptian Papyrus; 3 Giant Arrowhead.
- E. 1 Porcupine Grass; 2 Parrot Feather.
- F. 3 Water Poppies.
- G. 1 Calla Lily; 1 Egyptian Papyrus.
- H. 1 Primrose Willow; 1 Giant Arrowhead.

PLANTS FOR THE FISH

- I. 3 Water Hyacinth.
- J. 6 Bunches of Fish Grass.

Blue Triumph



YOU will enjoy this giant flowered, deep blue lily. During the long summer months the powerfully fragrant blossoms are freely and continuously borne and will give you much pleasure, both in the pool and as a cut flower in the house. It was raised in our nursery and we can recommend it through ten years of satisfaction.

Each \$2.50



Complete List of Tropical Water Lilies

The glorious tropical water lilies are becoming more popular every year and justly so for their immense size, sweet fragrance, brilliant colors and their desirability as a unique table decoration make it hard for the flower lover long to withstand their charm.

There is a great variety of them and they easily adapt themselves to the space you have for them in your pool. They will flower freely in an odd corner or where root room is unrestricted will make a growth of 10 to 15 feet across. The quantity of flowers produced will astound you; 100 flowers during the season being not at all uncommon. Pennsylvania is pictured to the left.

BLUE TRIUMPH. This splendid new variety raised at our nurseries is one of the most popular of all the show lilies. The immense deep blue flowers reach 13 inches across and are of the most graceful form with long curving petals and yellow heart. A very free bloomer with from 2 to 3 blossoms all summer long. We have grown plants with over a dozen open flowers, each exceeding a foot in diameter. **\$2.50.**

PANAMA PACIFIC. Dark rosy red on opening deepening to bright violet blue in the fully expanded flower. It is one of the sturdy viviparous or leaf propagating lilies and has many qualities to recommend it. Being a very hardy plant it blooms freely even when quite small. The young plants borne on the leaves will flower while yet attached to the parent plant forming a ring of miniature blooms about the mother. It can be shipped somewhat earlier than many others. **\$2.50.**

MRS. GEORGE H. PRING. Immense snow white flowers and an excellent contrast to the colored kinds seeming to intensify colors near it. The young leaves are very prettily splotted with brown as they unfurl. Happily it will accommodate itself and bloom freely in a tub and during the summer we have scores of them blooming in pots. When allowed ample room it makes a most luxuriant growth spreading from 5 to 10 feet and having flowers almost a foot across. It was raised at the Missouri Botanical Gardens as was also the General Pershing. **\$2.50.**

GENERAL PERSHING. The Queen of all the pink flowered tropical lilies and a fit companion to the majestic Blue Triumph. The flowers are very broad and basin shaped and almost a foot across with a delicate pleasing fragrance. They open early in the morning when the rich warm pink flowers have a most imposing appearance. Long one of the most rare of lilies we hope at last to have enough to supply all demands for them. **\$2.50.**

Marmarata. Immense pale blue flowers and beautifully spotted leaves. A unique variation from Mrs. Edward Whitaker. **\$2.50.**

Col. Lindbergh. A new variety with handsome blue flowers borne on tall stems. The color is a very bright true blue and very much to be admired. **\$5.**

Amethyst. Introduced by us last season it has already won delighted partisans for its exquisite coloring and the wealth of tiny plants it produces on the older leaves. The color is a true, deep amethyst blue that you must see to appreciate. A most free bloomer and satisfactory plant. **\$.3.**

Patricia. Recently introduced this dwarf growing plant has deep rosy red flowers and is quite suitable for small pools. **\$5.**

Rose Marie. A pink day bloomer of the viviparous type. **\$5.**



GENERAL PERSHING



Capensis. An old species coming from Africa. The flowers are cup shaped and rich sky blue in color. \$1.50.

William Becker. Dark violet blue flowers. A starry petalled, very fragrant variety. \$2.



AUGUST KOCH
A viviparous lily

AUGUST KOCH. This fine plant was raised in Garfield Park, Chicago, by August Koch, and is a credit to its famous raiser. The fragrant blossoms are of a splendid size and deepest blue in color. It is a very free bloomer and is very persistent, quickly becoming established after being planted and flowering continuously. We recommend this as a very good plant for the beginner as it thrives with little attention. \$2.50.

Zanzibar Blue. Large, fragrant blue flowers with fine yellow centers. Our strain of clear blue flowers is unsurpassed. These well known lilies are very beautiful and hardy. \$1.50.

MRS. EDWARDS WHITAKER. One of the largest flowered of the show lilies having flowers 13 inches across. The fragrant sky-blue blossoms open out quite flat and there are generally several open at one time making it a most interesting variety. Quite often they will have 3 to 4 open flowers while yet in the nursery pots. It is a good hardy plant and may be counted on to make a show. A good plant for the beginner. \$2.50.

Blue Beauty. An old and beautiful variety. The large and sweetly scented flowers are clear blue in color, set off by yellow and blue stamens. The leaves become quite large and are spotted with purple beneath. A thoroughly satisfactory plant. \$2.50.

PENNSYLVANIA. A magnificent old variety with rich deep blue flowers 10 to 12 inches across. The buds are prettily speckled with maroon markings and open an intense blue. The stamens are tipped with blue, the cup yellow, a most pleasing combination. The flowers emit a powerful spicy perfume. The plant is vigorous and free in flowering. \$2.50.

Star Lilies. For a full description of these sterling lilies see page 16. They may be carried over the winter.

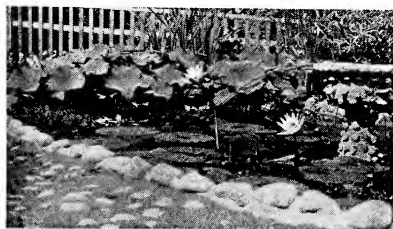
Henry Shaw. A very popular large flowered blue lily. It is a blue counterpart of General Pershing and a very free blooming plant producing an endless profusion of huge blossoms of deepest blue. Small plants may have 5 to 6 open flowers. \$2.50.

William Stone. Star shaped deep blue flowers 5 to 7 inches across borne on tall stems

above the water. The flowers are of much substance and last a long time when cut. A very beautiful plant and a free bloomer. \$2.

Mrs. C. W. Ward. The rose pink flowers are borne on stout stems a foot above the water. They have a very piquant perfume and scent the entire garden in the morning. The deep green leaves are very prettily scalloped. A fine plant. \$2.

Caerulea. The wild blue Lotus of Egypt. The fragrant sky blue flowers are borne in endless succession until the frosts of autumn. Well suited to the tub garden. \$1.50.



Star Lilies and Lotus make a very pretty grouping in this pool constructed by Mr. W. C. Block of Portland, Oregon. Star Lilies will bloom well in a cool climate.

Stella Gurney. Bright silver pink flowers with long pointed petals and a yellow heart. The spicy fragrance scents the entire pool. The plant is very free in flower with large light green pads ruffled at the margins. A most satisfactory and pleasing variety. \$2.



Mr. Edwin H. Roberts of West Springfield, Mass., has had wonderful success with Blue Star and August Koch. Marliac Yellow had 5 blooms and 7 buds on September 17th.

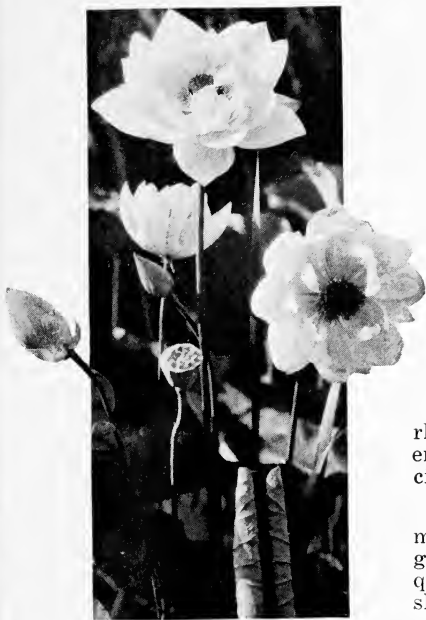
BOOKS

Water Gardens and Goldfish. By R. V. Sawyer and E. H. Perkins. An interesting account of the care of waterlilies and goldfish. \$1.65.

Water Gardening. By Peter Bisset. Covers all points of interest. An authoritative book. \$5.

The Modern Aquarium. By Innes. A standard work on the care of Gold and Tropical Fish. \$1.10.

Goldfish and Tropical Aquarium Fish. By Innes. 302 pages on the care and breeding of fish. \$4.25.



The Sacred Lotus

Mystic Flower

The beautiful and stately Lotus is perhaps one of the most interesting plants in the water garden. Many peoples have venerated it, for it has seemed to express to them the relation of the spirit to the world of matter—a chaste flower rising from the mire. Growing wild in the Eastern Tropics, India, China, Papua, etc., it yet is perfectly hardy anywhere in the United States and southern Canada, thriving in the heat of our summers and retreating deep into the mud at the approach of winter. The rhizomes look like two or three bananas strung end to end and are easily broken, so that care should be exercised in handling them.

In planting the rhizomes settle them gently into the mud with the growing end just below the surface. They grow well in water 2 inches to 12 inches deep and require the same general care as water lilies. The plants should be confined within boxes, for otherwise their rampant growth would soon choke out the other plants.

Sacred or Egyptian Lotus. Breathing the spirit of the Orient, this strange plant has from ancient times been venerated and held in mystic awe. The immense pink flowers exhaling a peculiar and characteristic fragrance, the large umbrella-like leaves borne on their tall stems, the flower buds rising to expand above them, all lend the plant a most stately appearance. This exotic plant was first introduced by us some forty years ago and all the present day plants are descendants of this first importation. **\$2.**

Flavescens. Beautiful sulphur yellow flowers. This fine plant was introduced by us some years ago and because of its fine color and freedom of bloom quickly won a place in the first rank. A fine variety for the tub garden. **\$2.50.**

Double White Japanese Lotus. (Shiroman.) Giant, very double snow-white flowers like huge pompons. A striking plant and fit companion to the Chinese Lotus. **\$3.50.**

Magnolia. Immense, loosely petalled, snow-white flowers. A very handsome plant. **\$2.50.**

Album striatum. White splashed with crimson. A unique color combination and very showy. Very large flowers. **\$2.50.**

Double Chinese Lotus. (N. pekinensis rubrum plenum.) Huge double red flowers. A very choice variety giving a tremendous display. Flowers like giant roses produced in great profusion. A truly magnificent plant with flowers a foot across. **\$5.**

Tropical Water Lily Seed

For those who care to experiment with raising water lilies from seed we offer a selection of the best Tropical kinds as very few Hardy lilies bear seed. They will flower the first year. Sow them in soil in a pan, covering lightly with sand, then gently submerging them in water about 6 to 12 inches deep. If sown early, put them in a pail in a warm sunny window, planting out in June.

Note: Do not count on early bloom from seed. Plant tubers or potted plants for early bloom.

Caerulea. Blue.

Juno. White night blooming.

Geo. Huster. Red night blooming.

Zanzibar Pink.

Zanzibar Blue.

Zanzibar Purple.

Capensis. Brilliant blue.

Independence. Brilliant pink.

August Koch. Blue viviparous.

Castaliiflora. Pink.

Seed of the above varieties at 35 cents per packet. 3 packets for \$1.00 postpaid. Set of the above 10 varieties, **\$2.50.**

Sacred Lotus. 50 cents per packet.

Yellow Lotus. 50 cents per packet.

TROPICAL SEED COLLECTION COLLECTION NO. 9

SET OF 10 PACKETS OF TROPICAL
WATER LILY SEED. POSTPAID \$2.50.

Garden Ornaments

If you are interested in figurines such as gnomes, fishermen, frogs, etc., write us for special list and prices.

Our stock is all of the finest quality imported German figures.

Complete Pool Collections

**All Collections listed in our Catalog sent
Postpaid to your door**

Our collections are for your convenience and are composed of the very best plants listed in the preceding pages. We have arranged them in harmonious groupings for pools of every size and description so that you may have a pleasing water garden even though you are not familiar with all the plants in our catalog. Our complete pool collections are particularly interesting as in them are representative plants of every group so that ordering is very much simplified.

In estimating the number of plants needed a pool 4 by 6 feet will accommodate 3 to 4 lilies and a collection of other aquatic plants to be found in the Pool Plant Collections.

NOTE: When other plants are ordered along with these prepaid collections please add sufficient postage to cover. See page 2 for instructions.

Please order Collections by Number

Complete Popular Sized Pool Collection

COLLECTION NO. 10

The five lilies offered in this collection are shown in full color on the rear cover. To complete the pool a selection of aquatic plants such as the Egyptian Paper Plant, oxygenating plants for the fish, border perennials, floating and submerged plants, and others in quantities ample to make a most interesting water garden have been added.

\$15 Postpaid

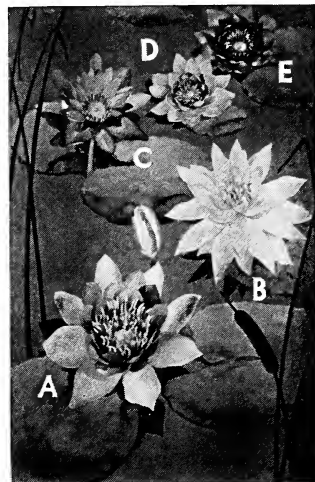
(Catalog Price \$22.00)

FIVE WATER LILIES

- A. COMANCHE.**
Best sunset color.
- B. SUNRISE.**
The giant yellow lily.
- C. BLUE STAR.**
Starry brilliant blue.
- D. SOMPTUOSA.**
Large pink.
- E. GLORIOSA.**
Brilliant red.

SIXTEEN AQUATICS.

- 1 Egyptian Paper Plant.
- 3 Water Poppy.
- 2 Water Hyacinth.
- 3 Fish Plants.
- 1 Giant Arrowhead.
- 2 Ornamental Grasses.
- 2 Perennials.
- 2 Umbrella Palm.



The painting in color of this beautiful group of lilies will be found on the rear cover. Blue Star is offered in the collection.

Gems of Brilliance

COLLECTION NO. 11

For those who enjoy a considerable variety we offer this colorful group. They represent the best in their respective groups. All selected for harmony. \$7.50 Collection **POSTPAID \$5.50.**

- Rose Arey.** Deep rose pink.
- Blue Star.** Brilliant blue.
- Conqueror.** Dark red.

De Luxe Trio

COLLECTION NO. 12

Three giant lilies in three bright colors. These lilies need no introduction to connoisseurs of quality in water gardening. A treasure-trove group. Catalog price, \$15.

POSTPAID COLLECTION PRICE \$11

- Sunrise.** Huge yellow flowers.
- Gonnere.** Dazzling double white.
- Attraction.** Brilliant red.

Complete Pool Collections

Complete Collection for Small Pool 20 square feet

... \$5

COLLECTION NO. 15

This attractive grouping will well furnish a small pool containing as it does a balanced assortment of water plants and two free blooming lilies. The lilies have been carefully chosen to provide you with plenty of bloom.

- A. **CONQUEROR.** Giant crimson lily.
- B. **MARLIAC WHITE.** Pure white lily.
- C. **Giant Arrowhead.** White and maroon.
- D. **Umbrella Palm.** Green plumes.
- E. **Water Poppy.** Yellow flowers.
- F. **Egyptian Paper Plant.** Plumy heads.
- G. **Calla Lily.** Large white flowers.
- H. **Ornamental Grass.** Graceful plumes.
- I. **Torch Lily.** Tall spikes of orange red.
- J. **Water Hyacinth.** Blue flowers.
- K. **2 Fish Plants.** Oxygenating.



The informal, irregular pool offers the ingenious water gardener a pleasant field for experiment in effects. The above graphic view shows only one of the many different arrangements to be had with the same set of plants.

Complete Collection for Small Pool

4x7 Feet

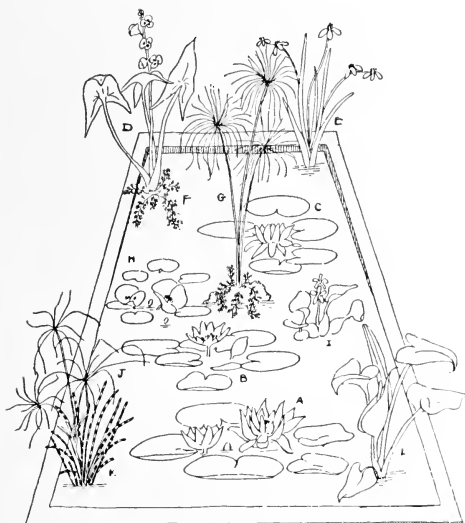
... \$7.50

COLLECTION NO. 16

So many of our customers have written to us during the past season inquiring as to what to plant in an average small pool that we have decided to list a balanced collection such as we would like in a pool of our own.

- A. **CONQUEROR.** Giant red.
- B. **SPLENDIDA.** Strawberry pink.
- C. **PAUL HARIOT.** Orange.
- D. **Giant Arrowhead.**
- E. **Yellow Flag.**
- F. **Parrot Feather.** Fish Plants.
- G. **Egyptian Paper Plant.**
- H. **Water Poppies.**
- I. **Water Hyacinth.**
- J. **Umbrella Palm.**
- K. **Porcupine Grass.**
- L. **Calla Lily.**

\$10 Collection POSTPAID FOR \$7.50



In this birdseye view of a formal pool we have given particular attention to the planting of the sub-aquatics that lend themselves so gracefully to completing the pool picture. The arrangement can be adapted to the rectangular or circular pool.

Complete Pool Collection

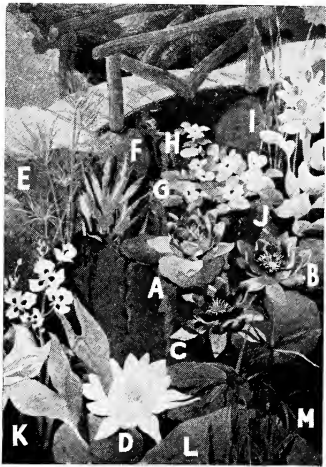
Shown in Colors on Front Cover

. . . \$10

COLLECTION NO. 17

This colorful collection is one of the most interesting we have offered for the medium sized pool. In it are many splendid flowering plants together with four of the most popular lilies. It is a well-balanced water garden and one that both yourself and friends will enjoy.

- A. Splendida.**
B. Comanche.
C. Gloriosa.
D. Marliac Yellow.
E. Egyptian Papyrus.
F. Azure Pickerel Plant.
- G. Water Poppies.**
H. Floating Heart.
I. Porcupine Grass.
J. Water Hyacinth.
K. Giant Arrowhead.
L. Yellow Flag.
M. Umbrella Palm.



The key letters will enable you to identify the plants in the painting on the cover. Many other such pleasing arrangements will suggest themselves to you.

Complete Large Pool

10 by 15 feet in size

COLLECTION NO. 18

A well balanced group for the larger pool with every class of water plant included. There are eight brilliant and colorful lilies in both Tropical and Hardy kinds; plants for the fish, scavengers for the pool and in short a quality collection of everything needed in a large pool.

Shipping Instructions: The three tropical lilies will be shipped in May at their proper planting time. All other plants will go forward at the earliest date permissible.

Sunrise. Large yellow.....	\$ 5.00
Gonnere. Double white.	5.00
Splendida. Pink.....	3.00
Comanche. Sunset shade.....	3.00
Gloriosa. Red	3.00
Juno. Night blooming.....	2.50
Rose Star. Pink.....	2.00
Blue Star. Bright blue.....	2.00
Total.....	\$25.50
Aquatic Collection No. 34.....	5.00
Scavenger Collection No. 29.....	1.00
Postage on plants.....	3.50
	\$30.00

COLLECTION PRICE POSTPAID \$25

Marliac Trio

COLLECTION NO. 19

A very popular trio of the famous Marliac hybrid lilies. The colors are very pleasing and the plants all thrive in the smallest of pools. Our plants are wonderfully strong specimens. **Postpaid, \$3.**

- Marliac Flesh.**
Marliac Yellow.
Marliac White.

Pioneer Trio

COLLECTION NO. 20

Three of the best and brightest lilies. You will enjoy these for a small pool. **POSTPAID, \$5.**

- Gloriosa.** Bright red
Paul Hariot. Orange pink.
Masaniello. Rose pink.

Golden State Trio

COLLECTION NO. 21

A combination of Tropical Star lilies and the popular red and yellow hybrids. Each lily of this group has been chosen for its contrasting form and color. **POSTPAID \$5.**

- Gloriosa.** Bright red.
Rose Star. Star-like pink.
Marliac Yellow. Canary yellow.

Sunset Trio

COLLECTION NO. 22

Three colorful lilies for those who enjoy the warmer red shades. An extraordinary value. **Postpaid, \$5.**

- Paul Hariot.** Orange pink.
James Brydon. Rosy red.
Conqueror. Crimson.

Rainbow Trio

COLLECTION NO. 23

A very moderate priced collection for those who are growing water lilies for the first time. They will all bloom well in the small pool and should give a long season of bloom. **Postpaid \$3.**

- Paul Hariot.** Orange pink.
Marliac Yellow. Canary yellow.
Marliac White. Pure white.



Fiesta Collection

COLLECTION NO. 24

Three of the most popular lilies in the most popular colors. A quality group for those who enjoy the best. **Postpaid \$7.50.**

Gloriosa. Most popular red.

Comanche. Most popular orange.

Somptuosa. Most popular pink.

Night Blooming Harmony

COLLECTION NO. 25

Two of the bright and interesting night blooming lilies. The flowers will remain open until almost noon each day. A real value when sent **Postpaid for \$4.**

Juno. Best white.

George Huster. Best red.

Aurora Collection

COLLECTION NO. 26

A quality collection of lilies for the larger pool. Red, yellow, pink, orange and blue. Can you imagine a brighter, more vivid group than these to grace your pool? A rainbow planting and each one a jewel among its fellows. A \$10.50 collection **Postpaid for \$8.**

Gloriosa. Bright red.

Morning Glory. Shell pink.

Marliac Yellow. Canary yellow.

Paul Harlot. Orange pink.

Blue Star. Bright blue.

Scavenger Collection

COLLECTION NO. 29

Every pool should have this collection of scavengers to assist in keeping the water clear. They live on the green moss and decaying leaves. Four pairs of assorted Water Snails sufficient for the average pool. **Postpaid \$1.**

Fish Plant Collection

COLLECTION NO. 30

To keep fish in good healthy condition oxygenating and food plants should be provided. We offer 7 assorted varieties of fish plants including floating plants suitable for both the fish bowl and outdoor pool. **Postpaid \$1.**

Collections of Plants for Pools

Shallow Water Collection

COLLECTION NO. 31

Water Poppy, Yellow Flag, Umbrella Palm, Giant Arrowhead, Porcupine Grass. **Five fine plants. Postpaid \$1.**

Bog Plant Collection

COLLECTION NO. 32

Egyptian Paper Plant, Water Iris, Primrose Willow, Umbrella Palm, Primrose Creeper. **Five varieties. Postpaid \$1.**

15 Poolside Plants

COLLECTION NO. 33

3 Torch Plants, 3 Hardy Fountain Grass, 3 Ribbon Grass, 3 Umbrella Palm, 3 Rudbeckia. **Postpaid \$2.50.**

Tropical Trio

COLLECTION NO. 27

A great many of our friends enjoy the different kinds of tropical lilies and so we have combined a group of the best day and night bloomers which we ship **postpaid for \$5.**

Geo. Huster. Best red night bloomer.

Rose Star. Starry pink.

Panama Pacific. Brilliant blue.

Miniature Pool Collection

COLLECTION NO. 28

Three pygmy lilies for the tiny pool. These little gems are unsurpassed for daintiness and freshness of coloration. They are equally as interesting in a small corner of the larger pool. **Postpaid, \$3.**

Pink Laydecker. Jewel-like pink.

Chrysanta. Dainty salmon and orange.

Yellow Pygmy. Starry yellow.

Star Trio

COLLECTION NO. 5

These hardy tropical lilies are very beautiful when planted in the same box. The two rose lilies form a perfect complement to the deep blue one. In combination we offer three Stars for the price of two. **Post Paid \$4.**

1 Blue Star

2 Rose Star

Aquatic Collection for Medium Pool

COLLECTION NO. 34

3 Giant Arrowhead, 3 Egyptian Paper Plant, 3 Water Poppy, 3 Water Hyacinth, 3 Primrose Willow, 3 Umbrella Palm, 3 Primrose Creeper, 2 Yellow Flag, 6 Bunches of Fish Plants. **29 plants. Postpaid \$5.**

Collection of Aquatic Plants for the Small Pool

COLLECTION NO. 35

3 Water Poppy, 1 Egyptian Paper Plant, 2 Water Hyacinth, 1 Primrose Willow, 3 Umbrella Palm, 1 Yellow Flag, 1 Giant Arrowhead, 3 bunches of Fish Plants. **Postpaid \$2.50.**



Plants to Complete the Pool

The pleasing natural effect of the wild pool so enchanting to the eye can be brought to your own pool by the planting of the plants described in the following pages. Here are grouped such aquatics as are readily established in the pool and whose combined effect will give that lush, boggy appearance of luxuriant wildness so easily of fulfillment in the Water Garden. They are most interesting and varied, are all easily grown and should be planted here and there among the lilies. Some of the most pleasing flowers we know are found among them and on the front cover of this catalog a glimpse is given of how beautifully they may be arranged. Most of them do best in shallow water so the pots in which they are grown should be raised to within 2 to 6 inches of the surface or they may be grown on a ledge. The plant illustrated on the left is the Primrose Willow.

Floating Plants

Among these plants that float upon the surface are found such interesting varieties as the Water Hyacinth. To secure the best growth from them they should be anchored. They are all at home in any pool securing nourishment from the air and water.

WATER HYACINTH (*Eichornia crassipes*.) The delicate spikes of lavender flowers with peacock eye are as beautiful as an orchid. The plant floats on the water but likes the roots in a cool place particularly among the lily pads doing best when not allowed to drift about. A good plant for shady locations blooming well when crowded. Goldfish are fond of laying their eggs among its feathery roots. 15 cents; 4 for 50 cents; \$1.25 per dozen.

Floating Fern (*Azolla*.) Tiny fernlike fronds forming emerald green or bronzy red clumps. A good plant for the fish. 25 cents per portion.

Duckweed. (*Lemna minor*.) Small frond-like plants giving the effect of a green carpet on the water. Fish are very fond of them. Does well in sun or shade making a good cover for the aquarium. 25 cents per portion.

Water Snowflake. (*Nymphaoides indicum*.) The blossoms appear just like an ice crystal and a new one is borne every day on the leaves which also bear young plants. Should be put in shallow water where the roots may reach the soil as the plants are shipped as detached leaves. 3 for 50 cents.

Collection of Floating Plants

COLLECTION NO. 36

Entire Set Postpaid \$1

Plants for the Fish

Oxygenating

These very useful plants will serve to keep the pool in natural balance supplying an abundance of oxygen to the water. Where fish are kept they will give a perfect balance so that the water need rarely to be changed. A few bunches planted in pots or among the lilies are indispensable for the health of the

fish. Except where noted the plants listed below do well either in the pool or indoor aquarium.

FISH GRASS. (*Elodea* or *Anacharis*.) The most useful variety for either the pool or aquarium. Graceful stems with whorls of deep green leaves. 2 bunches for 25 cents.

Coontail. (*Ceratophyllum*.) Plume-like stems of finely dissected leaves. Fine for the aquarium. 25 cents large bunch.

Eel Grass. (*Vallisneria*.) Long ribbon-like leaves. A very satisfactory plant. 25 cents for 4 plants.

Giant Eel Grass. Novelty with gigantic ribbon-like leaves 3 feet long. 25 cents each.

Sagittaria natans. Narrow grass-like leaves deep green in color. 25 cents per portion.

Sagittaria sinensis. Broad strap-like leaves. In summer the plants grow above the water and flower. 2 for 25 cents.

Hair Grass. Forms a deep green carpet on the floor of the aquarium. \$1 for 25 plants.



WATER HAWTHORNE

One of the prettiest of the smaller aquatics.



CRYPTOCORYNE WILLISII. One of the most beautiful and rare of all aquarium plants. Lanceolate red leaves with crisped margins. The rare red flowers are like a miniature Calla lily to which family it belongs. 50 cents each.

Fish Plant Collection No. 36-A

10 plants in 5 varieties, Postpaid \$1

For the Larger Pool No. 36-B

25 plants in 5 varieties postpaid \$2

Shallow Water Plants

In this group are the many handsome foliage and flowering plants used as center pieces and for the corners of pools as well as such choice lily-like plants as the Water Hawthorne and Poppy. They thrive in from 2 to 12 inches of water and grow naturally about the margins of lakes and streams.



WATER POPPY

Countless cheerful yellow flowers

WATER POPPY. An old favorite whose cheerful yellow flowers look for all the world like California poppies. Each plant throws out many floating runners bearing large blossoms all summer long. Plant this most popular aquatic as you would a water lily. 15 cents; 4 for 50 cents; \$1.10 per dozen.

EGYPTIAN PAPER PLANT OR PAPHYRUS.

One of the most popular of water plants. Growing wild along the Nile River, the Egyptians used it in making paper. It throws up tall graceful stems 3 to 8 feet high ending in immense plummy heads of thread-like leaves. An illustration of it is given on the front cover of our catalog. This plant makes a fine specimen for the centerpiece. Plant it in shallow water or damp soil. 35 cents each; 3 for 75 cents.

Pickereel Plant. Spikes of pleasing purple flowers borne in the center of heart shaped leaves. Continuously in flower growing about 2 feet high and thriving in shallow water. An indispensable plant. 25 cents each.

GIANT ARROWHEAD. (*Sagittaria montevidensis*.) The true and rare variety, well grown specimens reaching 5 feet in height with immense flowering spikes as thick as your arm. The large white flowers each have a heavy maroon blotch at the base. The arrow-shaped leaves and handsome flowers are well pictured on the cover of our catalog. Plant in shallow or deep water. 35 cents each; 3 for \$1.

Japanese Arrowhead. Spikes of butterfly-like blossoms and arrow-shaped leaves; a lush, thrifty grower thriving in shallow water. 25 cents each.

DOUBLE FLOWERING JAP ARROWHEAD.

A choice plant bearing spikes of snow white pompons in great profusion. A gem. 50 cents each.

Water Canna. A tall, graceful plant with leaves somewhat like a Canna and arching spikes of purple flowers. Very desirable to plant in the middle of a pool or at the corners. 50 cents.

AZURE PICKEREL PLANT. This attractive novelty comes from the lakes of South America and grows from 2 to 6 feet tall, each heart-shaped leaf ending in a spike of bright blue flowers, the buds covered with silvery wool. A very fine plant blooming throughout the entire summer. You will enjoy this. Will thrive in any pool. 50 cents.

Parrot Feather. The feathery green shoots trail over the water or foam in soft airy masses about the base of taller plants. Indispensable for planting in fountain basins. 15 cents; 4 for 50 cents.

PRIMROSE WILLOW. Every pool should have this charming erect-growing plant with pleasing narrow leaves and large airy yellow flowers. Plant it in shallow water and it will soon be covered with blossoms. Very desirable for tub garden. 35 cents; 8 for \$1.

Porcupine Grass. Tall, quill-like stems alternately banded white and green. Desirable for corners or centerpiece. 25 cents.

Floating Heart. Bright yellow gentian-like fringed flowers the size of a 50 cent piece. Grows like a water lily in shallow or deep water. 25 cents; 3 for 50 cents.

Azure Hyacinth. A creeping variety of the Water Hyacinth having rich purple flowers with a yellow eye. Thrives in shallow water. 50 cents.

Lance Leaf. Clustered lance-shaped leaves with tall spikes of large butterfly-like flowers. A desirable, hardy plant growing well in shallow water. 50 cents.

WATER HAWTHORNE. (*Aponogeton distachyus*.) Snowy white flowers with the fragrance of English Hawthorne. They are most interesting, the spikes being forked and each floret speckled with tiny black anthers. They enjoy deep water and should be planted like a water lily. The blossoms float on the surface among the oblong bright green pads. Certainly one of the prettiest of the group. 75 cents.

FOUR LEAF WATER CLOVER. (*Marsilea quadrifolia*.) A charming, true water fern whose creeping stems send up fronds like four leaf clover which float upon the water. A most interesting and hardy plant luxuriating in shallow water. Year old potted plants 35 cents each; 3 for \$1.

Telanthra philoxeroides. Creeping stems, fine for covering rockwork and banks. 25 cents.

Shallow Water Collection No. 37-A
5 Varieties Postpaid for \$1

Shallow Water Collection No. 37-B
12 Plants in 8 Varieties Postpaid for \$2

Bog Plants

In the very shallow water and damp banks of lakes are found many pretty sub-aquatics which will add much to the interest and beauty of your water garden. They may all be planted in one or two inches of water or in the moist soil of the banks.



UMBRELLA PALM. An African plant with slender stems each crowned by a tuft of feathery leaves. Grows well in the tub garden and equally so in the moist soil of the bank. No pool is complete without it. 25 cents each; 3 for 50 cents.

Cattail. (*Typha angustifolia*.) The slender leaved variety bearing long, slim, graceful cattails. 25 cents.

CALLA LILY. Large trumpet shaped snow-white flowers with golden yellow spadix. The foliage gives a most luxuriant tropical effect throughout the summer. The bulbs may be stored during the winter. 35 cents each; 3 for \$1.

Cyperus gracilis. One of the prettiest of the smaller aquatics growing a foot high with many slender plume crowned stems. Desirable for the tub garden. 25 cents.

PRIMROSE CREEPER. A creeping native plant with shining green leaves and large yellow, primrose flowers. A good plant to cover moist ground and equally desirable in shallow water. You will enjoy it. 2 for 25 cents.

Water Crinum. A beautiful bulbous plant related to the Amaryllis. The large white and red lily-like flowers are borne in trusses of 6 to 8 and are very fragrant. Thrives in an inch of water or in moist soil. 50 cents each.

Spider Lily. Another fine bulbous plant with spider-like, powerfully fragrant flowers. Plant in shallow water or damp soil. 50 cents.

YELLOW FLAG. Attractive foliage and flowers. 25 cents.

Water Buttercup. Bears countless, shiny, varnished, double golden yellow flowers. The creeping stems quickly cover shallow water or the damp soil about a tub garden. 25 cents.

Purple Loosestrife. Tall graceful spikes of purple flowers. A pleasing poolside plant growing in moist soil or shallow water. 25 cents.

Bog Plant Collection No. 38-A
5 Varieties Postpaid for \$1

Bog Plant Collection No. 38-B
12 Plants in 7 Varieties Postpaid \$2

WATER TARO

The large and handsome leaves are very attractive, giving a tropical setting to the pool. Thrives in moist soil and makes a very effective centerpiece. We list below the most desirable kinds.

YAUTIA. Large leaves of a beautiful pale green. A desirable variety as a specimen in the center of the pool or among rockwork. 35 cents each; 3 for \$1.

Illustris. A striking plant; the large elephant ear like leaves are heavily marbled with sooty black. Makes a handsome specimen. 75 cents each.

Blue Taro. A grand species of large size with deep bluish-green foliage on curving violet blue stems. 75 cents.

Elephant Ear. The leaves are immense reaching more than 3 feet and are of a lustrous emerald green. 35 cents.

WATER IRIS

Water Iris are among the most beautiful of garden flowers and should certainly be in every pool. They are extremely easy to grow thriving in shallow water or in the damp soil at the pool margin.

YELLOW FLAG. Certainly one of the most graceful and necessary plants in the pool with fine curving foliage and tall spikes of yellow

blossoms. Thrives in water up to 12 inches deep and also in the moist border. 25 cents; 5 for \$1.

Giant Flag. Similar to the above but growing somewhat taller reaching a height of 6 feet. A good specimen for the corners of your pool. 35 cents; 3 for \$1.

DOROTHEA K. WILLIAMSON. We think this one of the prettiest of water plants with its graceful spikes of glowing royal purple flowers and pretty grassy leaves. Be sure and include it. Plant in shallow water or the border. 50 cents.

Purple Flag. Graceful spikes of large purple flowers surmounting the grassy leaves. 25 cents.

BLUE FLAG. Beautiful large porcelain blue flowers with darker veining. One of the most charming of iris with tall and graceful foliage growing easily and luxuriantly in shallow water. 35 cents; 3 for \$1.

COLLECTION NO. 39

One each of the above 5 Water Iris
Postpaid \$1.25

MARGINAL PLANTS

To harmonize the pool with the rest of the garden such plants as grow naturally in wet soil are most effective. Give them rich soil and plenty of water to produce a tropical luxuriance.

TORCH LILY. Tall spikes of brilliant orange and red flowers arising from graceful clumps of grasslike foliage. This beautiful, hardy African lakeside plant belongs to the lily family forming grassy clumps surmounted by the flaming spikes of flowers. 25 cents each; 5 for \$1.

Jointweed. (*Polygonum affine*.) A very pretty hardy plant from the Himalayas where it grows on the moist banks of streams. Spikes of bright red flowers. 40 cents.

KWANSO DAY LILY. Very large double flowers, tawny orange red in color. A vigorous and free blooming border plant. 30 cents.

False Dragon Head. Spikes of pink hooded flowers 2 feet high. A very hardy plant. 25 cents.

Budbeckia nitida. Tall branching heads of flowers making it a good plant for the background. 25 cents.

UMBRELLA PALM. Extensively used for its tropical appearance. 25 cents; 5 for \$1.

CALLA LILY. Has a very tropical effect. 35 cents.

Lemon Lily. Sweetly scented bell shaped flowers lemon yellow in color growing from graceful, grass-like clumps of foliage. One of the best of border plants. 25 cents.

GIANT ORANGE DAY LILY. Forms tall clumps with many spikes of orange yellow, bell shaped, fragrant flowers. 50 cents.

COLLECTION NO. 40

Collection 5 Varieties Postpaid \$1

ORNAMENTAL GRASSES

HARDY FOUNTAIN GRASS. Graceful, arching clumps of slender leaves surmounted by dozens of feathery plumes tinged with red. 3 feet. 25 cents.

Ribbon Grass. Forms pretty, loose clumps, the leaves striped green and white. A very useful plant about the pool. 25 cents.

Palm Grass. A tall, graceful palm-like grass forming splendid clumps in a single summer. The broad, deep green leaves arch gracefully. 2 to 6 feet. 25 cents.



Gold Fish

The striking beauty of the graceful goldfish has long made it a popular pet. For two thousand years fanciers in China and Japan have carefully bred them, and today we have a great variety of kinds, some admired for their beautiful flowing tails and fine coloring, others for their bizarre appearance. In California hundreds of thousands of the finer breeds are raised annually for markets throughout the United States. Our mild climate permits the easy handling of goldfish at all times in outdoor tanks, which insures a stronger, more vigorous fish.

Shipping. In all cases it is our aim to select pairs, but owing to the difficulty of accurately determining the sex, we cannot guarantee this. Shipping cans are charged at cost, 35 cents, and are not returnable. We do not pay express on any shipments of fish.

Terms. All fish are in first class condition when shipped. Orders must be accompanied by remittance in full, plus 35 cents for shipping can. We guarantee safe arrival.

GOLD FISH

Japanese Fantails. Beautiful fish with broad tails and bright coloring. Year old, \$1 pair; \$5 dozen; 2 year, \$2 pair.

Comet Tails. Graceful lithe bodies and long flowing tails. Year old, \$1 pair; 2 years, \$2 pair.

Shubunkin or Calico Fish. A beautifully mottled fish with a pattern of blue, gold, red and black. Year old, \$1 pair; 2 year, \$2 pair.

CHINESE MOORS. A splendid jet black fish with telescope eyes and fine fantail. Year old, \$2 pair; 2 years, \$3 per pair.

Calico Telescope. A handsome vari-colored fish with fine flowing fantail and telescope eyes. Year old, \$2 pair; 2 years, \$3 a pair.

CALICO FANTAILS. A splendid highly colored fish with beautiful flowing fantail. \$2.50 per pair.

Lionhead. The name describes the peculiarly hooded growth about the head. One of the rarest and most interesting of fish. 2 years old, \$10 a pair; 3 years, \$15 a pair.

ORANDA. The Oranda has the hood of the Lionhead and the flowing tail and fins of the Pringetail. Wonderful specimens. 2 years, \$5 a pair.

Chinese Celestial Telescopes. The rarest of all goldfish. The eyes unlike the Telescope are directed upward. It has a broad flowing tail and no dorsal fin and swims with a slow grace. \$25 to \$50 each.

Tropical Fish

Mexican Swordtails, \$2 pair.

PARADISE FISH, \$2 pair.

Gold, Black, Red Moons, \$2 pair.

Pure Red Moons, \$3 pair.

Black Mollies, \$3 pair.

Jewel Fish, mated pairs, \$3.

Hybrid Helleri, \$3 pair.

Cichlasoma nigrofasciatum, mated pairs, \$5. For those interested in tropical fish we have a number of different varieties not listed.

Gold Fish Collections

COLLECTION NO. 50A

A splendid representative collection of fishes for the average pool. All are fine, hardy fish whose beauty you will enjoy. A pair of each of the following with **shipping can included.** We do not pay express charges on fish.

Fantails
Comet Tails
Shubunkin
Telescope Moors
Calico Telescopes
Calico Fantails
12 fancy goldfish for

\$7.50

COLLECTION NO. 51C

For those who want the best in goldfish we offer the following collection of choice specimens. A pair each in 2-year-old specimens, shipping can included. Express not prepaid.

Chinese Veiltail Moors
Lionheads
Oranda

Calico Telescope
Calico Fantails
\$25.00 value at the
collection price of

\$17

Fish and Aquarium Supplies

To balance the pool or aquarium and keep fish in good health these oxygenating plants are a necessity. We have listed those that have proven the best. In the pool they may be planted among the lilies. In the fish bowl plant them in an inch of clean sand.

Fish Grass. (*Anacharis canadensis gigantea*.) The most used variety. Graceful stems with whorls of deep green leaves. 15c per bunch.

Ludwigia Californica. A very pretty yellow flowering plant with ovate leaves. 15c each.

Eel Grass. (*Vallisneria spiralis*.) Long ribbon-like leaves. Grows well in aquaria. 15c each.

Sagittaria natans. Long strap-like leaves of vivid green. 15c each.

Sagittaria sinensis. Broad strap-like leaves of deep green. 15c each.

Water Hyacinth. (*Eichornia crassipes*.) The well-known floating Water Hyacinth. 15c each.

CRYPTOCORYNE WILLISII. One of the most beautiful and rare of all aquarium plants. Lanceolate leaves with crisped margins. The rare flowers red, like a miniature Calla Lily, to which family it belongs. 50c each.

Giant Eel Grass. Novelty with gigantic ribbon-like leaves a yard long. 25c.

Hair Grass. Forms a deep green carpet on the floor of the aquarium, giving a beautiful lawnlike effect. A splendid protection for young fry and eggs. \$1 for 25 plants.

COONTAIL. Finely dissected leaves of deep green color. 15c per bunch.

Parrot Feather. Bright parrot green whorls of filmy foliage. 15c per bunch.

Duckweed. Tiny frond-like leaves. Fish are very fond of them. 25c per portion.

Floating Fern. (*Azolla*.) Pretty floating plants turning bronze red in autumn. Fish are very fond of them. 25c per portion.

Fish Plant Collection

COLLECTION NO. 30

7 varieties of fish plants labelled.
Postpaid \$1

Water Snails



Water Snails are good scavengers both for the aquarium and pool. They feed on decaying vegetable matter and on the green algae that may form on the walls. A few pair will rapidly stock your pool.

Japanese Trap Door Snails. The largest and hardest of the common water snails. Very satisfactory. 50 cents per pair.

Ramshorn Snails. A long-lived pond snail. Useful. 25 cents per pair.

Red Ramshorn. Beautiful bright red in color. Pretty and very useful. 50 cents per pair.

African Paper Shell. A prolific species with pretty spotted shell. 25 cents per pair.

SCAVENGER COLLECTION NO. 29

Four pairs of assorted Water Snails including the Red and the Japanese, shipped Postpaid for \$1.

Fish Food

Goldfish should be fed twice a week. Do not feed too often or too much as overfeeding is a prolific cause of ills.

Natural Fish Food. A properly balanced food for both the aquarium and pool. Feed twice a week to keep your fish in good health. \$1 per pound.

Dried Shrimp. Shredded shrimp meat makes an ideal food for fish. Feed once or twice a week. \$1 per pound.

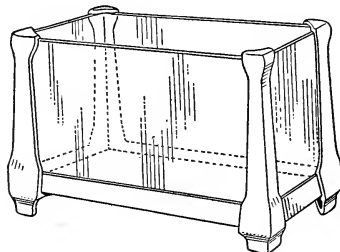
Tropical Fish Food. Specially prepared for Tropical fish. This is a safe healthful food for the tiniest fish. 3 boxes for \$1.

Add 10 cents per pound for postage when ordering fish food separately from plants.

Attractive Aquaria

The interest and beauty of aquaria give them the popularity they have long enjoyed. Every member of the family enjoys caring for them and an aquarium with an assortment of suitable water plants and a few bright and graceful fish is an attractive ornament in almost any room in the house.

We manufacture our own aquaria. Our line of cast aluminum aquaria is one of the most beautiful and the workmanship and materials are such as to be perfectly appropriate in any home. All parts are highly polished and strongly built. The bottoms are of plate glass. Nothing has been spared to make these aquaria fitting ornaments for the most tastefully arranged rooms.



Polished aluminum frame with heavy semi-plate glass sides and bottom.

No. 1—10x5½x7—1½ gal.....	\$ 5.00
No. 2—12½x7½x8—3 gal.....	6.50
No. 3—15½x10x9½—6 gal.....	8.50
Set of three, Nos. 1, 2 and 3.....	17.50

Polished aluminum frame, full heavy plate glass sides and bottom, polished edges.

No. 4—20½x11½x12—12 gal.....	\$12.50
No. 5—25½x11½x12—15 gal.....	16.00

For those who care to assemble their own aquaria we offer the finished aluminum frames. Frames complete with cement and bolts.

No. 1.....	\$3.50	No. 4.....	6.50
No. 2.....	\$4.50	No. 5.....	8.00
No. 3.....	5.50		



When the trees are bare and the snow is on the ground you'll enjoy these fascinating plants from the mysterious deserts of the earth.

Cacti and Succulents

Miniature Desert Gardens

Nursery Grown Plants

Imagine having in one miniature desert garden plants coming from such fascinating, far-away lands as Africa, Teneriffe, Argentina, Peru and Mexico. And yet these most captivating of plants may be enjoyed in your home for many different kinds can be grown together in shallow pans no larger than a dinner plate. Plant a dish of them to place in the living room and discover for yourself their absorbing charm. There are a great many different kinds coming principally from South Africa, South America, Mexico and the western deserts of our own country, each region having kinds peculiar to itself. Some are admired for their unique sculptured shapes, others for their brilliantly colored flowers. They take kindly to ordinary garden care only asking not to be pampered and for one to remember that in their homes they are used to going for months with hardly any water. They like sunshine, a gritty porous soil and only water enough to keep them plump. In the rock garden during the summer they are perfectly at home and in the fall may be arranged in pans to make most attractive miniature desert gardens.

As an indoor plant they have no superiors, thriving in the dry atmosphere of heated rooms and requiring but little attention. The varieties we offer are **NURSERY GROWN** and are infinitely superior to the unsatisfactory plants offered by collectors who strip our countryside of plants doomed to die in a few short weeks.

Succulents

Succulents include all those plants with thick and juicy leaves or stems other than the true cactus. Some grow in rosettes, others are like miniature trees while yet others creep among the rocks. They are most desirable and should surely form the basis of any desert garden.

ORANGE FIGMARIGOLD. (M. aurantiacum.) Brilliant orange blossoms an inch and a half across smothering the plant for weeks during the spring. The thick sickle shaped leaves are borne in pairs on slender stems. Pictured on rear cover (bottom). **50 cents.**

Lemon Figmarigold. (M. glabrum.) Clear lemon yellow flowers at the tips of branchlets. The wedge shape bluish green leaves thickly beset the stems. **50 cents.**

ROSE MOSS. (M. roseum.) A trailing va-

riety much used for hanging baskets. The bright pink flowers cover the plant so completely as to give the effect of a floral blanket. A very pretty plant for the sun room. **35 cents.**

Pastel Figmarigold. (M. Brownii.) The ball-like plants are completely covered with flowers like a brightly copper colored pincushion. **35 cents.**

Pink Figmarigold. (M. blandum.) Soft pink flowers 2 inches in diameter. **35 cents.**

Magenta Figmarigold. Large brilliantly colored flowers with yellow stamens. A very vivid color. Pictured on rear cover. **35 cents.**

TRAILING FIGMARIGOLD. (M. emarginatum puniceum.) A trailing variety with brilliantly glowing magenta flowers. **35 cents.**

White Figmarigold. Large silky white flowers. **35 cents.**



Thread Stemmed Figmarigold. (*M. filicaule*.) Forms a carpet rooting at the nodes. The bright rose pink flowers are very beautiful. **40 cents.**

STAR FIGMARIGOLD. (*Trichodiadema stellatum*.) The tip of each loaf shaped leaf bears a star of soft white bristles. The plant forms a bush a few inches tall thickly beset with brilliant violet red flowers. **50 cents.**

Mes. deltoides. Pretty wedge shaped blue green leaves toothed at the margin on trailing stems. Flowers pink. **40 cents.**

Mes. glomeratum. A trailing plant with round eggshaped leaves covered with soft prickles among which are yellow flowers. Very desirable to cover the base of taller growing plants and for hanging baskets. **35 cents.**

Mes. Lehmanii. A carpet forming variety with pale yellow, gauzy flowers. **50 cents.**

Mes. maximum. An odd plant with triangular leaves and pink flowers. **35 cents.**

HOTTENTOT FIG. (*M. edule*.) The large pink or yellow flowers are 3 inches across on trailing stems. **50 cents.**

ALOE HANBURIANA. A handsome rosette of faintly spotted leaves from the center of which arise tall, flat topped umbels of pendant orange red flowers. The aloes are all ornamental, interesting plants even when not in flower. **50 cents.**

Banded Aloe. (*A. saponaria*.) The leaves are alternately banded white and green with coarse prickles along the margins. The tall branched flower spikes bear dozens of hanging tubular orange red flowers. See rear cover for illustration. **50 cents.**

DWARF ALOE. (*Aloe humilis*.) A dwarf plant with a crowded whorl of blue green leaves covered with blunt prickles. 18 inch spikes of bright red flowers. **50 cents.**

Bishop's Mitre. (*Aloe mitriformis*.) Blue green leaves covered below and on the margins with yellow prickles. A handsome plant when crowned with branched spikes of orange red flowers. **50 cents.**

Aloe vera. Long thick leaves in an upright rosette which by suckering forms a close colony. Tubular yellow flowers each with a drop of honey. **50 cents.**

Hedge Hog Aloe. (*A. echinata*.) One of the prettiest when in flower with spikes of warm red flowers. **\$1.**

Aloe Salmodyckiana. A large plant making a beautiful tub specimen. Flowers in December sending up a 3 branched spike of deep red blossoms. **\$1.50.**

TREE ALOE. (*A. arborea*.) Large whorl of blue green leaves making it most desirable as a single specimen. Tall spikes of red flowers at Xmas. **\$1.**

CLIMBING ALOE. (*Aloe ciliaris*.) A dwarf climbing variety bearing many spikes of brilliant orange and yellow tubular flowers. It may be trained to a stake. **75 cents.**

Emerald Aloe. (*A. X smaragdina*.) A hybrid form with smooth dark green leaves. **\$1.**

Aloe Chludomil. A hybrid between *Gasteria* and *Aloe*, the beautiful leaves flecked with ivory spots. **\$1.**

Variegated Aloe. (*A. variegata*.) The gem of the family. The triangular V-shaped leaves are marbled in a very beautiful way with green and silvery white. Grows 6 inches tall with bright red flowers. **\$1.**

Echeveria elegans. Close curving rosettes covered with a very glaucous powdery blue bloom, the whole plant silvery green. One of the most beautiful of succulents. Very rare and choice. **\$1.50.**

ECHEVERIA WEINBERGII. Very pretty blue rosettes flushed with red. A most desirable plant in the dwarf garden. **35 cents.**

HEN AND CHICKENS. (*E. secunda glauca*.) Charming whorls of spoon shaped blue green leaves from which arise arching spikes of orange red flowers. Illustrated on rear cover (lower right). **35 cents.**

FLAME ECHEVERIA. (*E. gibbiflora flammea*.) Bronze red rosettes of leaves with several tall branching spikes of flame red flowers at Xmas. A majestic plant. **75 cents.**

Echeveria viridus. Large rosettes of bronze red leaves and tall spikes of red flowers. **75 cents.**



TREE ALOE

ECHEVERIA CLAVIFORMIS. A most charming plant for hanging baskets with graceful pendant spikes of flowers. **35 cents.**

Echeveria simulans. A splendid specimen plant with large rosettes. **\$1 each.** Large specimens **\$2.50.**

Dyckia rariflora. A dwarf plant with rosettes of narrow spiny leaves and spikes of brilliant orange flowers. Illustrated in color on rear cover. Belongs to pineapple family. **75 cents.**

Dyckia sulphurea. Yellow. **75 cents.**

Candle Plant. (*Senecio articulatus*.) A peculiar plant with candle like silvery green stems put end to end. A most novel and odd curiosity. **50 cents.**

Blue Senecio. (*S. repens*.) Bright powdery blue cylindrical leaves. A very pretty plant for the dwarf garden. **35 cents.**

Senecio mandraliscae. A larger growing plant with silvery blue succulent leaves. **35 cents.**

Starfish Flower. (*Stapelia variegata*.) A very curious plant, the strange flesh-like flowers being a true 5 pointed star 3 inches across and mottled maroon and yellow. This oddity should be in every collection. **50 cents.**

NECKLACE PLANT. (*Crassula perfoliata*.) The pretty heart shaped leaves are strung on



stems like a string of beads. A very good plant for baskets. 40 cents.

JAPANESE PINE. (*C. tetragona*.) Looking down the stem the leaves are arranged in 4 equal rows. Dwarf tree-like habit. 35 cents.

Crassula Cooperi. Dwarf clumps with spotted leaves and hundreds of airy pink flowers. 35 cents.

Crassula lycopodioides. A tiny bushy plant with thickly clustered imbricated leaves looking like a Hemlock. 35 cents.

Crassula rupestris. Graceful stems similar to the Necklace Plant. 40 cents.

PINK BUSH CRASSULA. (*C. portulacacea*.) A handsome well branched specimen plant covered with clusters of pink waxy flowers. 50 cents.

Spotted Crassula. (*C. punctata*.) Round blue leaves minutely spotted with a red line around the margin. 50 cents.

SEMPERVIVUM COOPERI. Rounded bushy plants, each branchlet a rosette of red margined leaves. 50 cents.

Tree Sempervivum. (*S. arboreum*.) Small tree-like plant, each branch terminated by a whorl of green spoonlike leaves. Very ornamental. 35 cents.

PURPLE TREE SEMPERVIVUM. Similar to above with whorls of dark purple leaves. 35 cents.

Sempervivum sp. Saucer shaped flat rosettes the leaves being pressed close together. 50 cents.

SEMPERVIVUM HAWORTHII. Miniature tall shrubs, the whorls of leaves pink with red margins. Fine. 50 cents.

Sempervivum floribundum. Miniature tall shrubs, the whorls of leaves pink with red margins. Fine. 50 cents.

GOLDEN SEDUM. (*S. Adolphae*.) The entire plant is golden yellow. This should be in every collection. 35 cents.

Blue Sedum. (*S. Treleasei*.) The whole plant is beautiful powdery blue green. Illustrated on inside rear cover. 40 cents.

RED TIPS. (*Sedum pachyphyllum*.) Each cylindrical blue green leaf is tipped with bright red. Most attractive. 35 cents.

RED SEDUM. (*S. Stahliei*.) The entire plant is copper red, the football shaped leaves in 4 rows along the stems. Umbels of yellow flowers. A fine plant for covering between larger plants. 35 cents.

SEDUM PRAEALTUM. Upright plants with clusters of yellow flowers in winter. 35 cents.

Crested Sedum (*S. p. cristatum*.) An odd crested variety with cockscomb-like branches. 50 cents.

Tree Sedum. (*S. dendroideum*.) In the winter time the plant is covered with large spikes of bright yellow flowers. 40 cents.

ORANGE BELLS. (*Cotyledon orbiculata*.) Round leaves covered with a delicate powdery white bloom and panicles of pendant orange bells. A very ornamental plant. 35 cents.

Cotyledon o. rotundifolia. A low growing form with fine flowers and markedly white powdered leaves. 50 cents.

Cotyledon macrantha. The fleshy round green leaves are distinctly margined with red with heavy panicles of brick red flowers. A striking plant illustrated on inside rear cover. 50 cents.

Cotyledon Wrightii. A new species with white leaves and panicles of orange red flowers. 50 cents.

Kalanchoe tubifolia. A very curious and interesting new plant with tubular oddly mottled leaves fingered at the tips where tiny plantlets are produced. 50 cents.

YELLOW BELLS. (*K. glaucescens*.) Fragrant yellow bells borne at Xmas time. The flowers may be picked and will last for weeks out of water. 50 cents.

Marble Leaf. (*K. marmorata*.) Leaves mottled with maroon and tall spikes of fragrant white bells. 75 cents.

Kalanchoe longiflora. A new species with green leaves margined red. 75 cents.

Kalanchoe Deigremontana. New species with large, mottled, toothed leaves producing plantlets on the teeth. 50 cents.

Kalanchoe Feldschenkiana. New species with pretty scalloped leaves margined red. 75 cents.

Kalanchoe laxiflora. New species with nodding brick-red flowers in November. 75 cents.

ELEPHANT BUSH. (*Portulacaria afra*.) In Africa this is a favorite food of elephants. A very pretty and useful plant that everyone should have. 35 cents.

Sprouting Leaf. (*Bryophyllum pinnatum*.) A fine pot plant with fleshy dark green leaves and panicles of papery orange flowers. A leaf pinned to the wall will sprout. 50 cents.

Othonna crassifolia. A pretty trailing plant with cylindrical leaves on slender stems and bright yellow flowers one-half inch across, borne all the year around. 35 cents.

FAIRY BELLS. (*Oliveranthus elegans*.) A most striking plant bearing quantities of big scarlet bells all out of proportion to the small plant from which they arise. Illustrated on rear cover. (Lower left.) 50 cents.

Scarlet Paint Brush. (*Rocoea falcata*.) Sickleshaped, flat, gray leaves borne in one plane, each stem bearing a flat topped corymb of glowing scarlet flowers. A choice plant. 75 cents.

CENTURY PLANT. (*Agave americana*.) An old favorite that makes a handsome specimen for the porch in summer and the sun room in winter. The vase shaped rosette of leaves is very ornamental. 50 cents.

Variegated Century Plants. These are variously striped with green and yellow and make splendid window plants. **Agave aurea marginata** with leaves margined golden yellow. **A. anrea lineata** with yellow stripes in middle of leaves. **A. medio picta** with creamy yellow marbling. 75 cents each.

Agave ferox. Deep green broad arching leaves with black thorns. A rare and handsome variety. \$1.25.

OPUNTIA BASILARIS. Brilliant, satiny cerise flowers like large single roses. The thick flat stems are touched with red with many bundles of fine brown spines. Pictured in full color on rear cover. 75 cents.

Opuntia microdasys. Round green pads with myriad clusters of golden brown spicules forming a very ornamental plant. 75 cents.



Opuntia monacantha. Thin green pads with solitary long spines and large yellow flowers. 50 cents.

BURBANK'S SPINELESS CACTUS. Big flat spineless pads and yellow flowers followed by large red tuta fruits. The fruit is very pleasant to eat. \$1.

Hedge Hog Cactus. (Echinopsis multiplex.) A globe cactus bearing large Easter Lily-like bright pink flowers 6 inches long. Illustrated in color in center of rear cover. 75 cents each.

Echinopsis turbinata. Round balls with

clusters of very short stiff spines and large lily-like pure white flowers. 75 cents.

DWARF TREE CACTUS. (Opuntis frutescens.) Small tree-like spiny plant with pencil-like stems. The fruits are brilliant scarlet and as pretty as flowers. 35 cents.

Opuntia atro-fusca. Large yellow flowers as large as the pads that bear them. Forms prostrate clumps. 50 cents.

Opuntia De Laeti. Smooth almost spineless pads and brilliant orange yellow flowers like a superb rose. 75 cents.

Miniature Desert Garden Collections

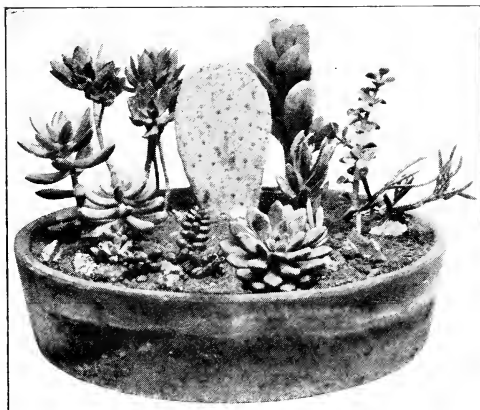
The collections listed contain interesting assortments of desert plants suitable for sunny windows. They should be planted in porous, gritty soil containing if possible about one-third gravel or sand. Water thoroughly and afterward only occasionally, keeping them always on the dry side. Seed pans such as your florist can supply may be used or any shallow vase or dish. It is well to put an inch of gravel in the bottom.

COLLECTION A

Ten varieties for 10" pan

Elephant Bush, Blue Senecio, Yellow Bells, Red Sedum, Dwarf Tree Cactus, Echeveria claviformis, E. Weinbergii, Hen and Chickens, Crassula lycopodioides, Sempervivum Cooperi.

POSTPAID \$3



Assortment B. In a 12-inch seed pan. An excellent group for an ornamental dish.

COLLECTION B

Ten varieties for 10" pan

Opuntia basilaris, Red Tips, Golden Sedum, Yellow Bells, Golden Figmarigold, Blue Senecio, Elephant Bush, Red Tips, Sedum decorum, Red Sedum.

POSTPAID \$3.50

COLLECTION C

15 varieties for 12" pan

Lemon Figmarigold, Mes. glomeratum, Red Sedum, Orange Figmarigold, Japanese Pine, Echeveria claviformis, Sempervivum decorum, Golden Sedum, Purple Tree Sempervivum, Red Tips, Blue Sedum, Sedum praealtum, Yellow Bells, Elephant Bush, Orange Bells.

POSTPAID \$4.50

COLLECTION D

Window garden group

20 varieties for a pleasing window garden group. Included in this selection will be many of the oldest as well as the prettiest blooming kinds.

POSTPAID \$5

COLLECTION E

Strawberry Jar Garden

20 varieties to make up a striking strawberry jar. A modernistic grouping that will surprise your friends and interest you every day in the year.

POSTPAID \$5

COLLECTION F

Summer Rock Garden Group

A superb collection for the sunny rock garden. In the fall they should be brought into the sun room.

Orange, Pink, Yellow, Magenta, Rose Figmarigold, Aloe Hanburiana, Hen and Chickens, Red Sedum, Tree Sedum, Purple Sempervivum.

POSTPAID \$3

COLLECTION G

For the Larger Rock Garden

20 varieties in a fine selection.

POSTPAID \$5

COLLECTION H

Fanciers Collection

50 varieties of Cacti and Succulents. In this is included many of the rarer kinds.

\$12.50 POSTPAID

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THE CACTUS BOOK. By Dr. A. D. Houghton. An authoritative book on the culture of desert plants. Everyone should have this book. \$2.65 prepaid.

Cactus & Succulent Society of America. If you are desirous of knowing more about these plants join the Society and receive the Cactus Journal, a well illustrated and comprehensive monthly magazine. Membership, which includes subscription to the Journal, \$3 per year. Address 1800 Marengo St., Los Angeles, Calif.

We guarantee the safe arrival of all plants shipped.





COMPLETE POOL COLLECTION Collection No. 10

This worthwhile grouping for the medium size pool is a real value at our postpaid **\$15** price. The 21 plants are listed in full on page 25, with key to lilies above.